



2022 - 2023



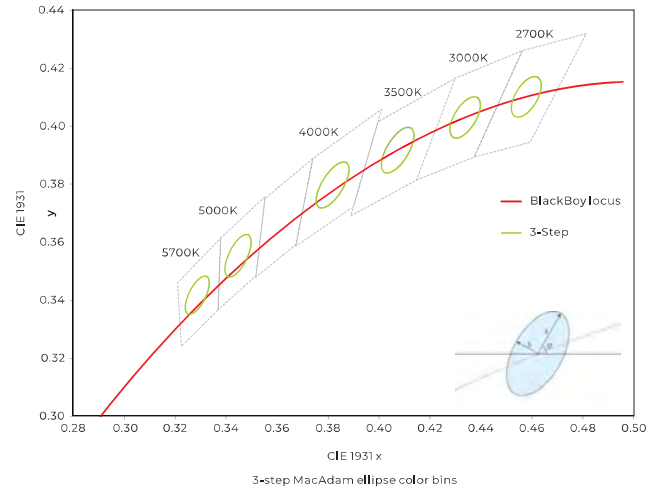
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# BEAUTIFUL LIGHT

## Color temperature Consistency

KC knows well the requirement for color temperature consistency for the quality lighting and also faces the phenomenon of inconsistency in terms of color temperature in market. It is a headache of designers and the consumers. For this purpose, KC applied the LED chips at high consistency (SDCMs3) from the quality chips manufacturers. All LED chips are sorted out, stored and processed in strict and scientific criterion to guarantee the led chips are consistent in the same batch.



In the study of color vision, MacAdam ellipses refer to the region on a chromaticity diagram which contains all colors which are indistinguishable to the average human eye, from the color at the center of the ellipse. The contour of the ellipse therefore represents the just noticeable differences of chromaticity.

## Procedure

MacAdam set up an experiment in which a trained observer viewed two different colors, at a fixed luminance of about 48 cd/m<sup>2</sup>. One of the colors (the "test" color) was fixed, but the other was adjustable by the observer, and the observer was asked to adjust that color until it matched the test color. This match was, of course, not perfect, since the human eye, like any other instrument, has limited accuracy. It was found by MacAdam, however, that all of the matches made by the observer fell into an ellipse on the CIE 1931 chromaticity diagram. The measurements were made at 25 points on the chromaticity diagram, and it was found that the size and orientation of the ellipses on the diagram varied widely depending on the test color. These 25 ellipses measured by MacAdam, for a particular observer are shown on the chromaticity diagram above.

## Extension to three dimensions

A more general concept is that of "discrimination ellipsoids" in the entire three-dimensional color space, which would include the ability of an observer to discriminate between two different luminances of the same color. Such measurements were carried out, among others, by Brown and MacAdam in 1949, Davidson in 1951, Brown in 1957, and by Wyszecki and Fielder in 1971. It was found that the discrimination ellipsoids yielded relatively unchanging discrimination ellipses in chromaticity space for luminances between 3 and 30 cd/m<sup>2</sup>.

## Effects in color theory

MacAdam's results confirmed earlier suspicions that color difference could be measured using a metric in Chromaticity space. A number of attempts have been made to define a color space which is not as distorted as the CIE XYZ space. The most notable of these are the CIE LUV and CIE LAB color spaces. Although both of these spaces are less distorted than the CIE XYZ space, they are not completely free of distortion. This means that the MacAdam ellipses become nearly (but not exactly) circular in these spaces.

# BEAUTIFUL LIGHT

COB (chip-on-board) which generates the light evenly over the surface.



COB (chip-on-board) generates the light evenly over the surface like that of incandescent lamp without double image. The light generated from the fitting with COB makes the subject look natural and clean while fitting with single-LED-chip has double image.

## natural light



Fitting with COB generates the lights even and soft, making the subject natural and clean and consequently creating strong stereoscopic feel.

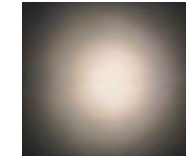
## saw-toothed double light image



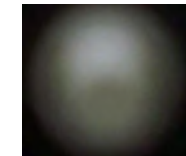
Fitting with single-LED-chip generates the lights from the scattered chips, making the subject blur and unclear in boundary with double image and consequently creating weak stereoscopic feel.

## Advanced optical technology

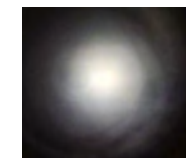
KC series are developed by adopting world top-class optics technology and processed in scientific and strict techniques to guarantee the optical quality of this series. Consequently, KC series had accurate light distribution and high light output and even and soft light while no dark dot, dark area and halo.



Even light with natural halo



Uneven light with dark dot and area



Unclean boundary with stray and virtual image

FLOW,Pro



EM-30YD03325-01  
P1



EM-30YD04335-01  
P1



EM-30YD04540-01  
P1



EM-30YD05550-01  
P2



EM-31FTK4235-01  
P5



EM-31FTK5045-01  
P5



EM-31FTK6255-01  
P5



EM-31FTK7565-01  
P6



EM-31FTK8375-01  
P6



EM-32MTK4035-01  
P11



EM-32MTK5245-01  
P11



EM-32MTK6355-01  
P11



EM-32MTK8575-01  
P12



EM-32MWK4033-01  
P13



EM-32MWK5043-01  
P13



EM-32MWK6053-01  
P13



EM-32MWK8073-01  
P14



EM-33DTK4640-01  
P19



EM-33DTK5450-01  
P19



EM-33DTK6355-01  
P19



EM-33DTK7570-01  
P19



EM-33DTK8375-01  
P20



EM-33DW4036-01  
P21



EM-33DWK5043-01  
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EM-33DWK6050-01  
P21



EM-33DWK7062-01  
P21



EM-33DWK7570-01  
P22

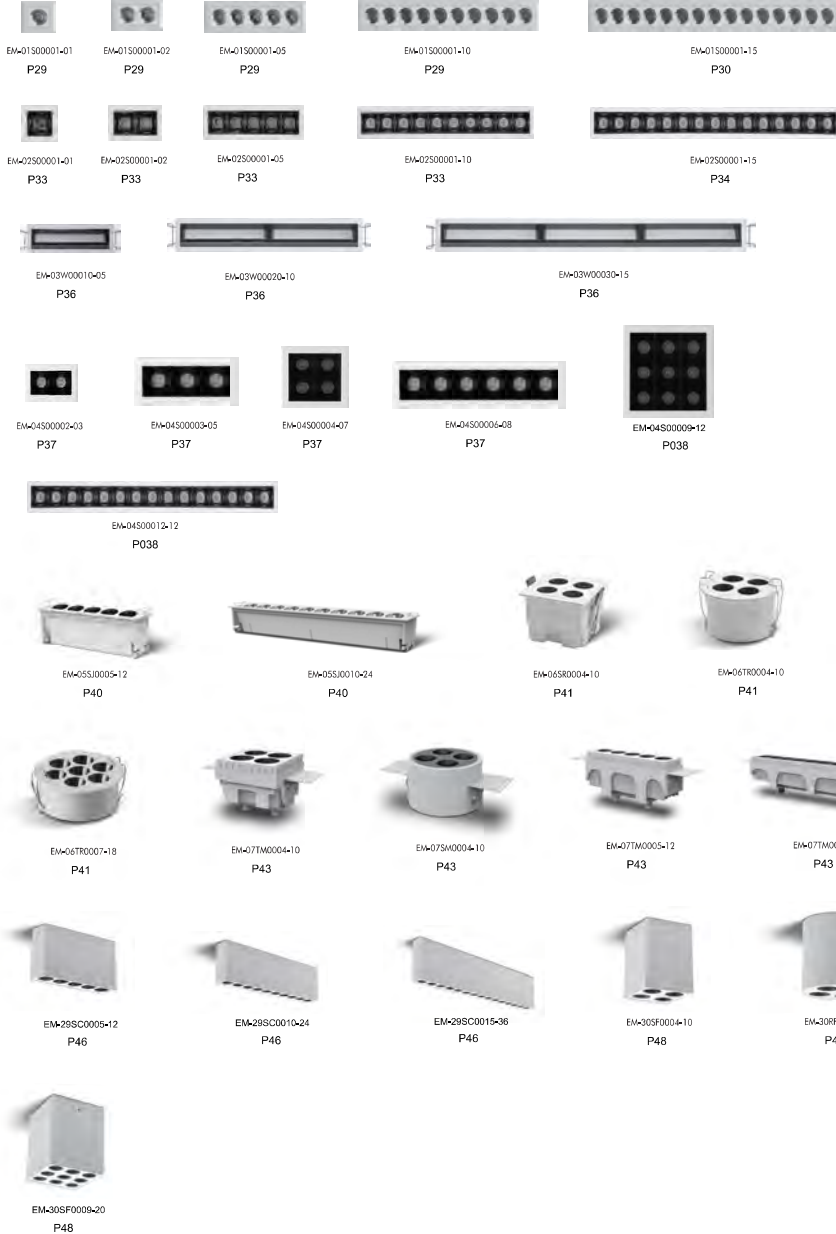


EM-35ITK6050-01  
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EM-35ITK8375-01  
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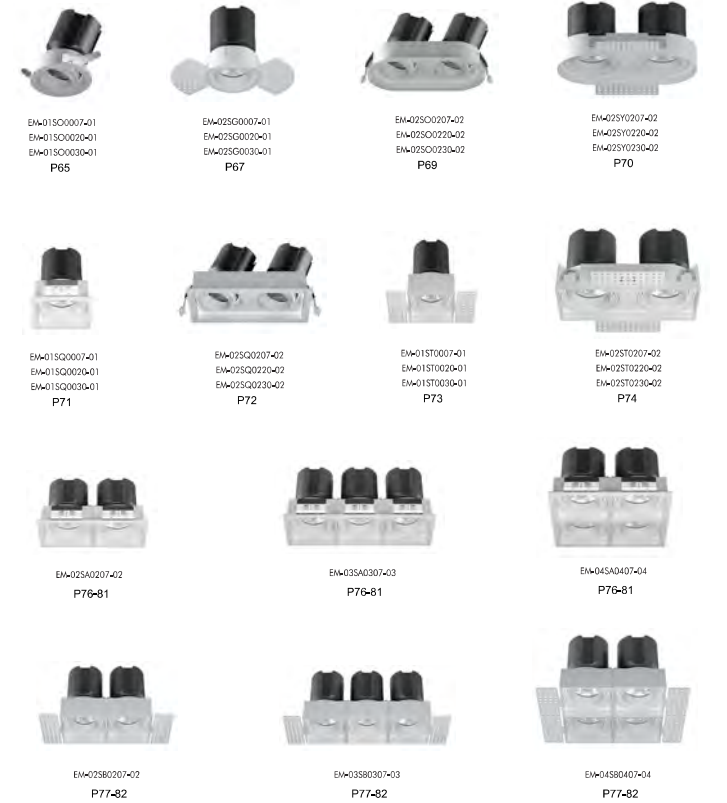
Linaer



Chellona



Soyuz





# Lightning



EM-05LR0010-01  
EM-05LR0012-01  
EM-05LR0020-01  
P85



EM-05LR0210-02  
EM-05LR0212-02  
EM-05LR0220-02  
P86



EM-05LT0010-01  
EM-05LT0012-01  
EM-05LT0020-01  
P87



EM-05LT0210-02  
EM-05LT0212-02  
EM-05LT0220-02  
P88



EM-05LS0010-01  
EM-05LS0012-01  
EM-05LS0020-01  
P90



EM-05LS0210-02  
EM-05LS0212-02  
EM-05LS0220-02  
P91



EM-05LQ0010-01  
EM-05LQ0012-01  
EM-05LQ0020-01  
P93



EM-05LQ0210-02  
EM-05LQ0212-02  
EM-05LQ0220-02  
P94



EM-05LG0210-02  
EM-05LG0212-02  
EM-05LG0220-02  
P95-97



EM-05LQ0310-03  
EM-05LQ0312-03  
EM-05LQ0320-03  
P95-97



EM-05LQ0410-04  
EM-05LQ0412-04  
EM-05LQ0420-04  
P95-97

# Unicorn



EM-06UN1012-01  
P101



EM-06UN1020-01  
P102



EM-06UN1035-01  
P104

# ALTRACK



EM-08AL0115-01  
P107



EM-08AL0120-01  
P107



EM-08AL0130-01  
P107



EM-08AL0135-01  
P108

# ALTRACK



EM-08AL0115-02  
P109



EM-08AL0120-02  
P109



EM-08AL0130-02  
P109



EM-08AL0120-02  
P110



EM-31AL0115-15  
P111



EM-31AL0120-20  
P111



EM-3AZ0120-20  
P111



EM-31AZ0130-30  
P112



EM-26AC0115-20  
P113



EM-26AC0120-20  
P113



EM-26AC0130-20  
P113



EM-26AC0135-20  
P114

# M20



M20A  
P119



M20B  
P121



M20C  
P123



M20D  
P125



EM-06ME0005-05  
P127



EM-06ME0205-05  
P127



EM-06ME0812-12  
P127



EM-06ME0208-08  
P128

# M20



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P128



EM-06ME0025-05  
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EM-07ME0008-01  
P131



EM-07ME0015-01  
P131



EM-07ME0005-02  
P131



EM-07ME0015-02  
P132



EM-07MN0010-01  
P133



EM-07MN0015-01  
P133



EM-07SM0010-01  
P135



EM-07SM0020-01  
P135



EM-07SM0030-01  
P135



EM-07CE0007-07  
P137



EM-07CE0010-10  
P137



EM-07CE0012-12  
P138

# PROTON



EM-09PR0112-01  
P143



EM-09PR0120-01  
P143



EM-09PR0130-01  
P143



EM-09PR0140-01  
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EM-09PR0150-01  
P144

# EDGE



EM-10ED0112-03  
P147



EM-10ED0115-03  
P147



EM-10ED0125-03  
P147



EM-10ED0130-03  
P147



EM-10ED0140-03  
P147

# Ascendant



EM-11AS0110-05  
P150



EM-11AS0115-05  
P150

# MINI SOFT



EM-20MA0026-12  
P153



EM-20MA0035-12  
P153



EM-20MA0050-12  
P153



EM-20MA0060-12  
P154



EM-20MA0070-12  
P154



EM-19MA0050-11  
P155



EM-19MA0060-11  
P155



EM-19MA0075-11  
P155



EM-19MA0090-11  
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EM-19MA0120-11  
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EM-30SW000-01  
P157



EM-30SJ0006-01  
P157

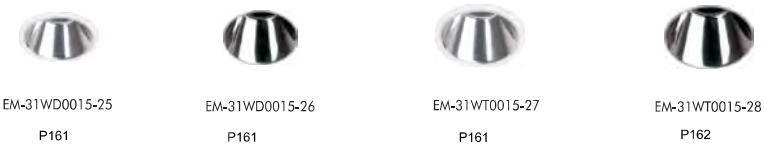


EM-30SW009-01  
P157



EM-30SJ0009-01  
P158

MINI SOPT



EM-31WD0015-25 P161 EM-31WD0015-26 P161 EM-31WT0015-27 P161 EM-31WT0015-28 P162

DEEPO



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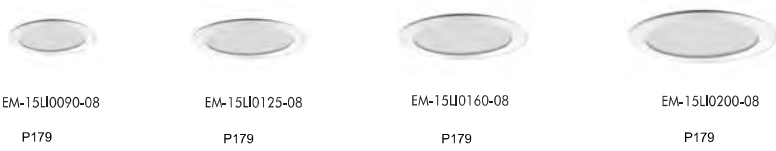
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MAX



EM-18MA0075-10 P174 EM-18MA0090-10 P174 EM-18MA0125-10 P174 EM-18MA0140-10 P175

LIPPER



EM-15LI0090-08 P179 EM-15LI0125-08 P179 EM-15LI0160-08 P179 EM-15LI0200-08 P179

LIPPER



EM-16LI0095-09 P181 EM-16LI0130-09 P181 EM-16LI0145-09 P181 EM-16LI0170-09 P182 EM-16LI0205-09 P182

DIY



EM-21LS0075-13 P185 EM-21LS0075-14 P185 EM-21LS0075-15 P185

MILO



EM-22MO0005-15 EM-22MO0020-16 P189-192 EM-22MO0205-15 EM-22MO0220-16 P189-192 EM-22MO0305-15 EM-22MO0320-16 P189-192



EM-22MO0405-15 P190



EM-23MO0005-17 EM-23MO0010-17 P193-196 EM-23MO0205-17 EM-23MO0210-17 P193-196 EM-23MO0305-17 EM-23MO0310-17 P193-196

Grid



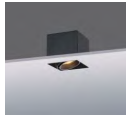
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EM-25GD0212-18  
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EM-25GD0312-18  
P199



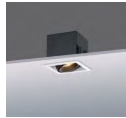
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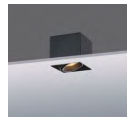
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EM-25GD0220-19  
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EM-25GD0320-19  
P201



EM-25GT0020-19  
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EM-25GT0220-19  
P201



EM-25GT0320-19  
P201

OUTDOOR



EMIG-1111-A  
EMIG-1111-D  
P207-210



EMIG-1111-B  
EMIG-1111-E  
P207-210



EMIG-1111-C  
EMIG-1111-F  
P207-210



EMIG-1111-G  
P211



EMIG-1111-H  
P211



EMIG-1111-I  
P211



EMIG-1112-A  
P213



EMIG-1112-B  
P213



EMIG-1112C  
P213



EMIG-1112-D  
P215



EMIG-1112-E  
P215



EMIG-1112-F  
P215



EMIG-1113-A  
P217



EMIG-1113-B  
P217



EMIG-1113-C  
P217



EMIG-1114-A  
P219



EMIG-1114-B  
P219



EMIG-1114-C  
P219

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Spot



ASP0112-1  
P225



ASP0112-2  
P225



ASP0112-3  
P227



ASP0112-3  
P227



ASP0115-1  
P229



ASP0115-2  
P229



ASP0116-1  
P231



ASP0116-2  
P231



ASP0117-1  
P233



ASP0117-2  
P233

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Wall Washer



EW101  
P237



EW102  
P236



EW103  
P239



EW104  
P240

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FLOW.Pro





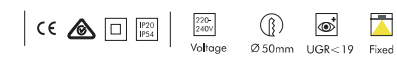
The lamp body is deep and long, and the light outlet is narrow, which makes the whole lamp body realize ultra deep hiding and anti dazzle structure



Part Number	EM-30XK3325-01
Power	3W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-30XK5550-01
Power	5W 7W 9W 12W 15W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-30XK4335-01
Power	5W 7W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

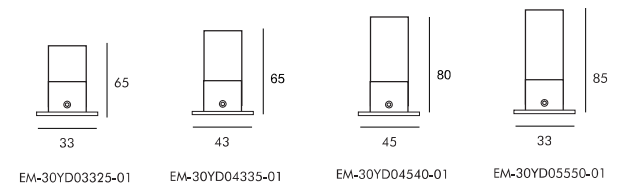


OPTIONS

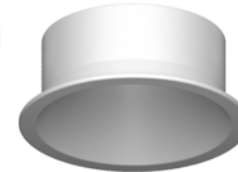
1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-30XK4540-01
Power	5W 7W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB









Part Number	EM-31FTK4235-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-31FTK7565-01	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-31FTK5045-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-31FTK8375-01	
Power	7W 10 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

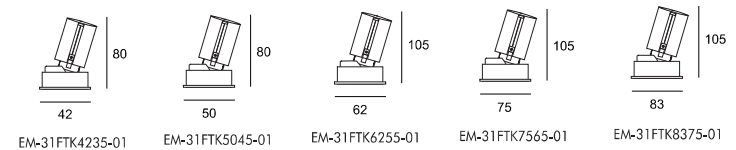


OPTIONS

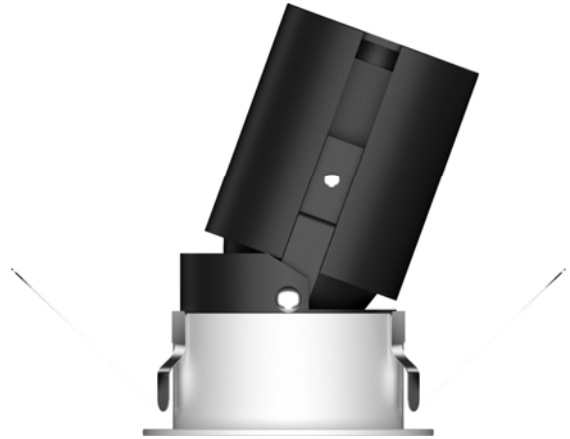
1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-31FTK6255-01	
Power	7W 10 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Adjustable



Trim

Trimless







Part Number	EM-32MTK4035-01	
Power	5W	7W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-32MTK8575-01	
Power	7W	10W 12W 15W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-32MTK5245-01	
Power	5W	7W 9W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

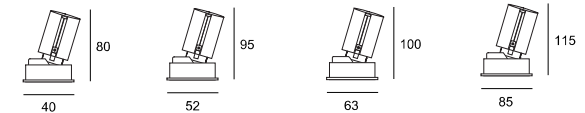


Part Number	EM-32MTK6355-01	
Power	7W	10W 12W 15W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



EM-32MTK4035-01    EM-32MTK5245-01    EM-32MTK6355-01    EM-32MTK8575-01

COLOUR BK ■ WH □ | White Black Gold Chrome Silver



Part Number	EM-32MWK4033-01
Power	5W 7W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-32MWK8073-01
Power	7W 10 12W 15W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-32MWK5043-01
Power	5W 7W 9W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

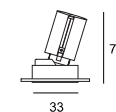


Part Number	EM-32MWK6053-01
Power	7W 10 12W 15W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

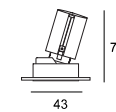


OPTIONS

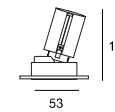
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2	TRIAC
3	0/1-10V
4	DALI



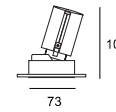
EM-32MWK4033-01



EM-32MWK5043-01



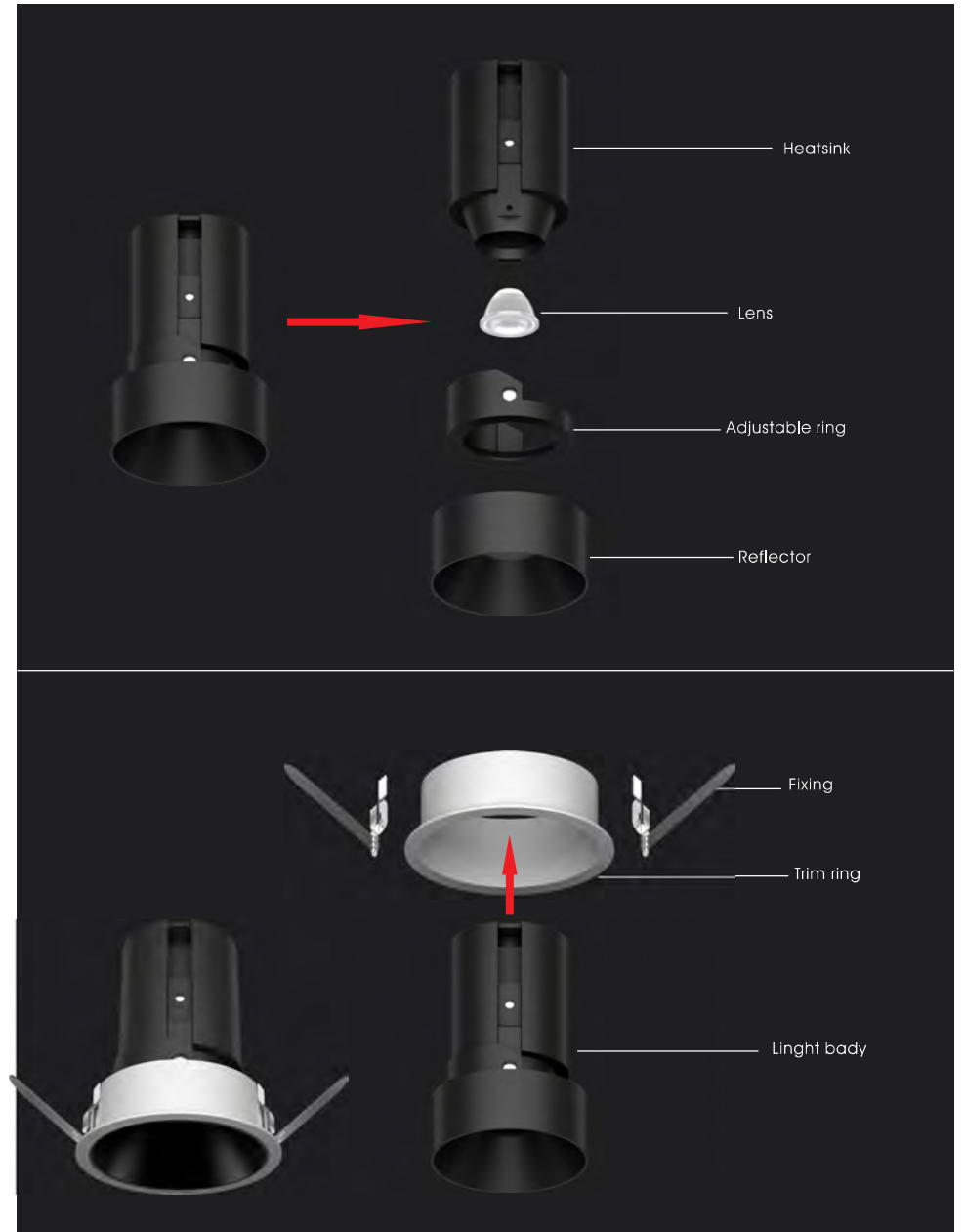
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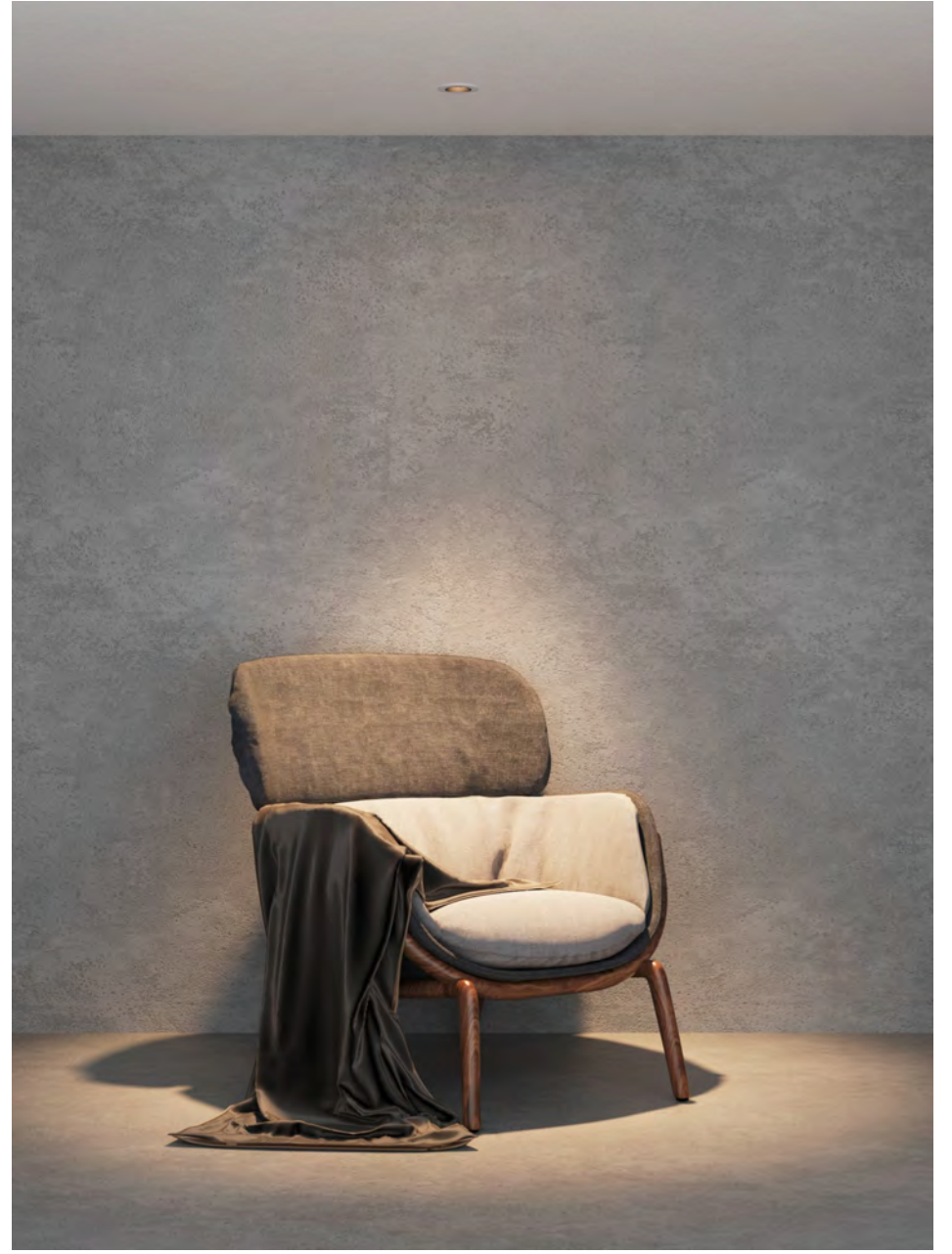
EM-32MWK8073-01



Adjustable











Part Number	EM-33DTK4640-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-33DTK8375-01	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-33DTK5450-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

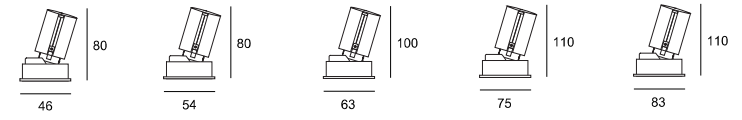


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-33DTK6355-01	
Power	5W 7W 9W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



EM-33DTK4640-01    EM-33DTK5450-01    EM-33DTK6355-01    EM-33DTK7570-01    EM-33DTK8375-01



Part Number	EM-33DTK7570-01	
Power	7W 9W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	





Part Number	EM-33DW4036-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-33DWK7570-01	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-33DWK5043-01	
Power	5W 7W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

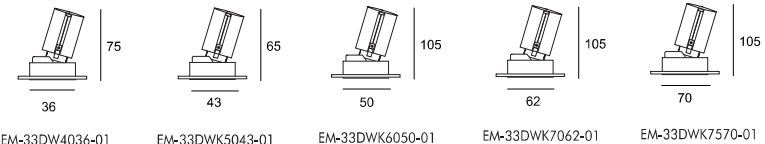


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-33DWK6050-01	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-33DWK7062-01	
Power	5W 7W 9W 12W 15W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

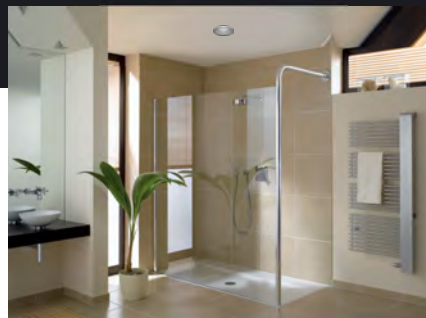


COLOUR BK ■ WH □ | White Black Gold Chrome Silver





IP  
65



Part Number	EM-35ITK6050-01
Power	5W 7W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

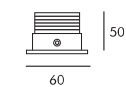


Part Number	EM-35ITK8375-01
Power	5W 7W 9W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

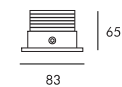


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



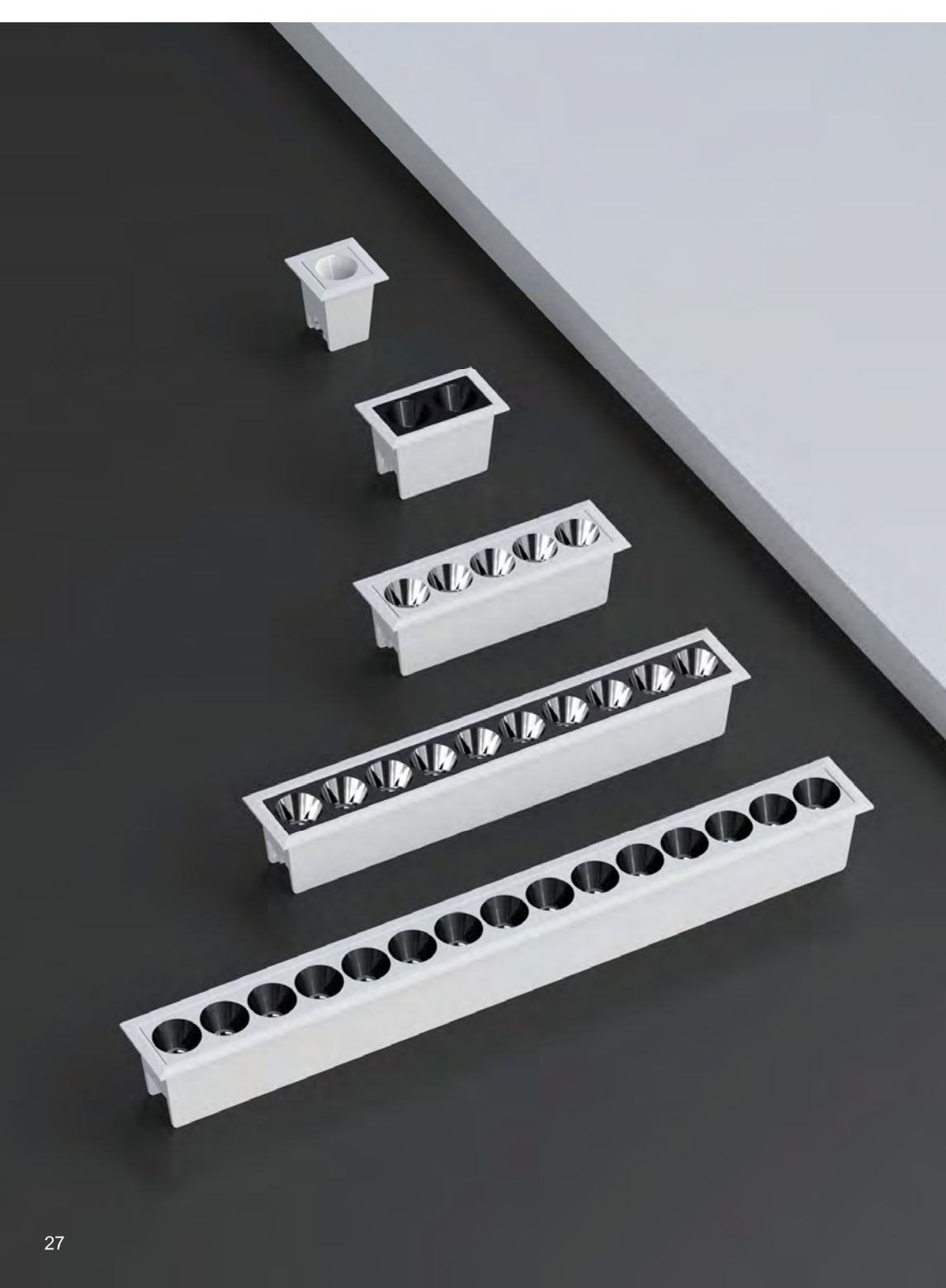
EM-35ITK6050-01

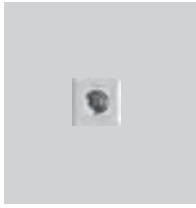


EM-35ITK8375-01

COLOUR BK ■ WH □ |  White  Black



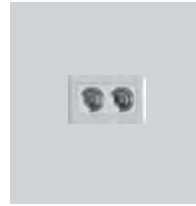




Part Number	EM-01S00001-01	
Power	2W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



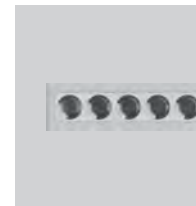
Part Number	EM-01S00001-15	
Power	30W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-01S00001-02	
Power	4W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-01S00001-05	
Power	10W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



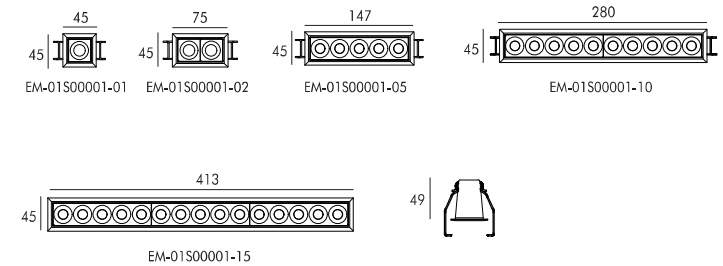
Part Number	EM-01S00001-10	
Power	20W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



COLOUR BK ■ WH □ | White + Chrome White White + Black Black





OPTIONS

1	Non-DIM
2	0/1-10V
3	DAU



COLOUR BK ■ WH □ |

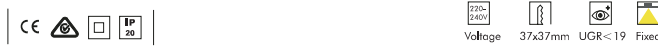


     
shiny silver bright black matt black matt white





Part Number	EM-02S00001-01
Power	2W
Beam angle	15°/30°/45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-02S00001-15
Power	30W
Beam angle	15°/30°/45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-02S00001-02
Power	4W
Beam angle	15°/30°/45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-02S00001-05
Power	10W
Beam angle	15°/30°/45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



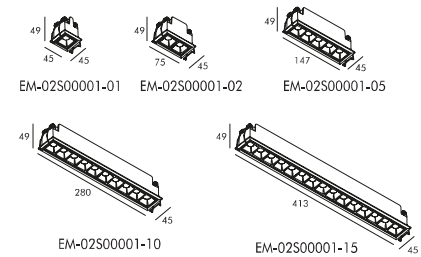
Part Number	EM-02S00001-10
Power	20W
Beam angle	15°/30°/45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



COLOUR BK ■ WH □ |

#### OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI



COLOUR BK ■ WH □ |





Part Number	EM-03W00010-05	
Power	10W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



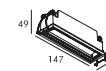
Part Number	EM-03W00020-10	
Power	20W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



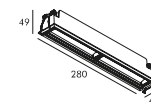
Part Number	EM-03W00030-15	
Power	30W	
Beam angle	15°/30°/45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



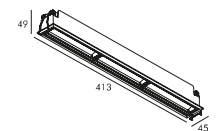
EM-03W00010-05



EM-03W00020-10

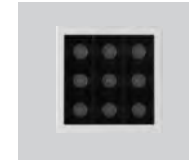


EM-03W00030-15





Part Number	EM-04S00002-03	
Power	3W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-04S00009-12	
Power	12W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-04S00003-05	
Power	5W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-04S00012-12	
Power	20W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-04S00004-07	
Power	7W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



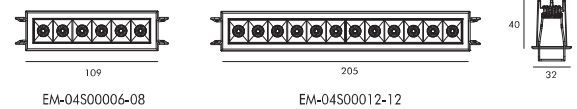
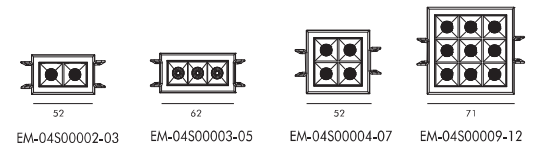
Part Number	EM-04S00006-08	
Power	8W	
Beam angle	30°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



COLOUR BK ■ WH □ |

OPTIONS

- 1 Non-DIM
- 2 0/1-10V
- 3 DALI



COLOUR BK ■ WH □ |



Part Number	EM-05SJ0005-12	
Power	12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	

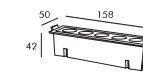


Part Number	EM-05SJ0010-24	
Power	24W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	80lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	

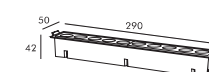


OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI



EM-05SJ0005-12



EM-05SJ0010-24

COLOUR BK ■ WH □



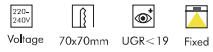




Part Number	EM-06TR0004-10
Power	10W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



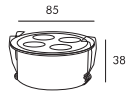
Part Number	EM-06SR0004-10
Power	10W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



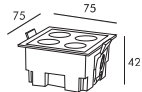
Part Number	EM-06SR0007-18
Power	18W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



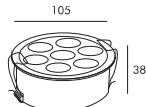
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI



EM-06TR0004-10



EM-06SR0004-10



EM-06SR0007-18

COLOUR BK ■ WH □





Part Number	EM-07TM0004-10
Power	10W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-07SM0004-10
Power	10W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-07TM0005-12
Power	12W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



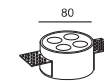
Part Number	EM-07TM0010-24
Power	24W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	80lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



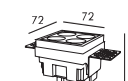
COLOUR BK ■ WH □ | Black Gold Chrome



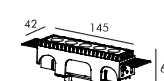
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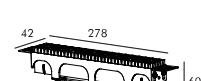
EM-07TM0004-10



EM-07TM0005-12



EM-07TM0010-24







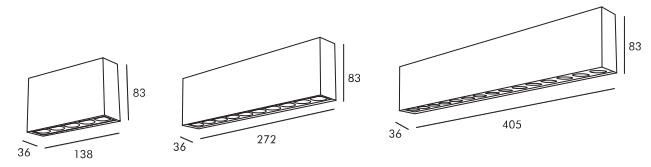
Part Number	EM-29SC0005-12
Power	12W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-29SC0010-24
Power	24W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

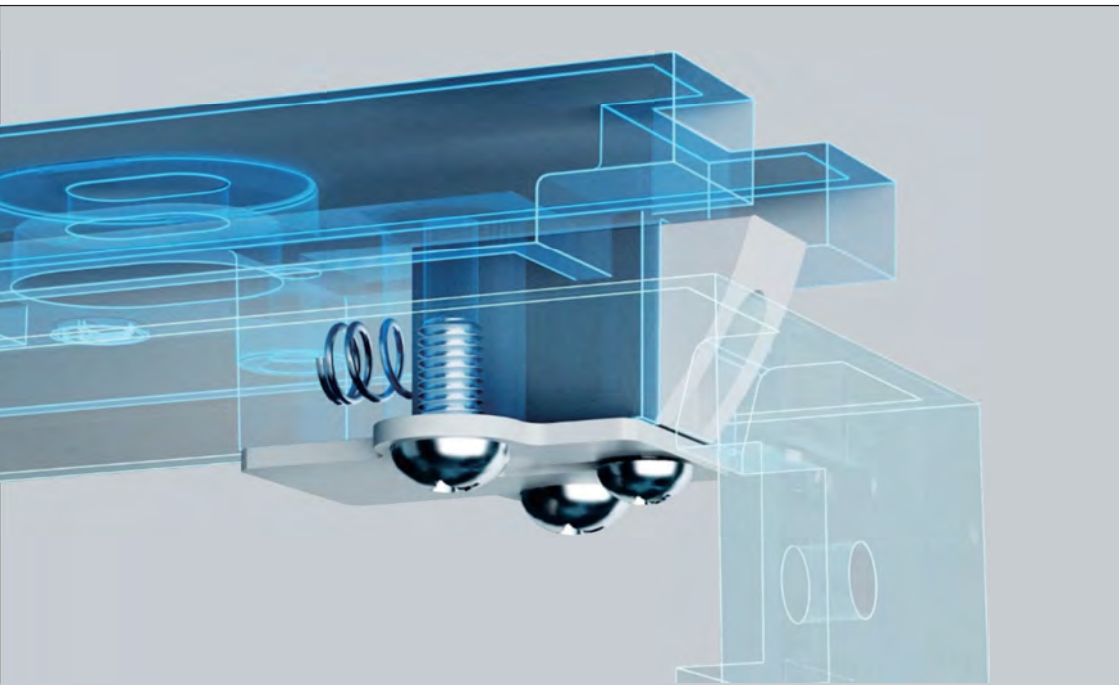


Part Number	EM-29SC0015-36
Power	36W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

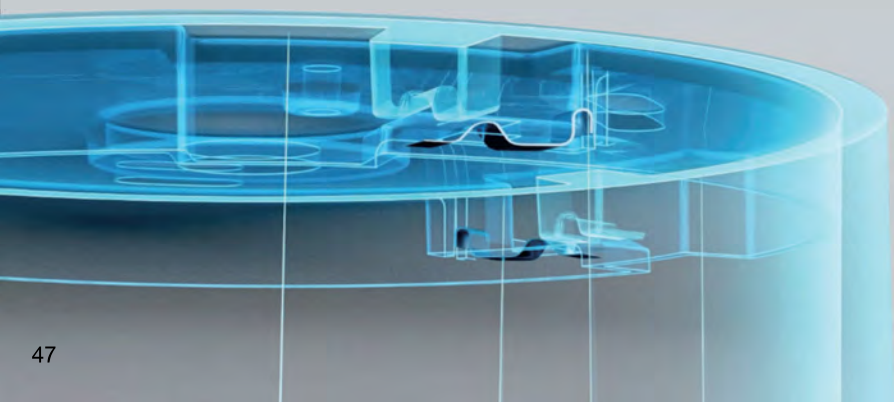


EM-29SC0005-12      EM-29SC0010-24      EM-29SC0015-36

COLOUR BK ■ WHD | Black Gold Chrome



SCREW FREE DESIGN



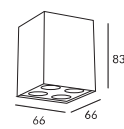
Part Number	EM-30SF0004-10	
Power	10W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



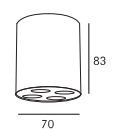
Part Number	EM-30RF0004-10	
Power	10W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



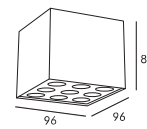
Part Number	EM-30SF0009-20	
Power	20W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



EM-30SF0004-10

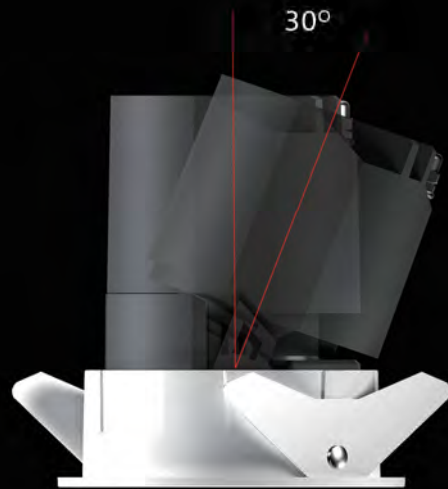


EM-30RF0004-10



EM-30SF0009-20

COLOUR BK ■ WH □ | Black Gold Chrome



# Chellona

This glare-free fixture family allows architects and designers to work with different lighting applications. Thanks to precise engineering, the use of superior reflector materials and various glare control accessories, the EDGE II fixtures guarantee maximum visual comfort and optimal optic performance. The miniature design with clean sightlines make people focus on the light instead of the luminaire.

Beams, effects, filters, output levels, trimless or with trim, fixed or adjustable, and smart controls like Casambi, Dali, phase-cut, the vast range of options allow you to work with different lighting demands throughout the entire project. Furthermore, the unique interchangeable light engine design helps perfectly protect the ceiling during maintenance.







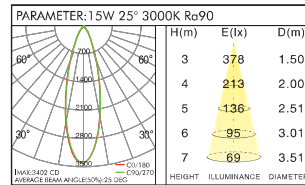
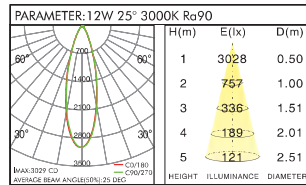
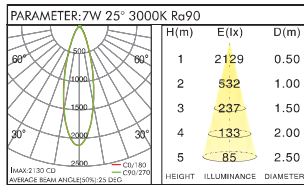
Part Number	EM-01CH0007-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01CH0012-01
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01CH0020-01
Power	7W 10 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR BK ■ WH □ | Chrome Gun black Matt silver Matt white Matt black



Part Number	EM-02CH0007-02
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 55x55mm URG<10 Adjustable



Part Number	EM-02CH0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 109x55mm URG<10 Adjustable



Part Number	EM-02CH0012-02
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 75x75mm URG<10 Adjustable



Part Number	EM-02CH0212-02
Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 150x75mm URG<10 Adjustable



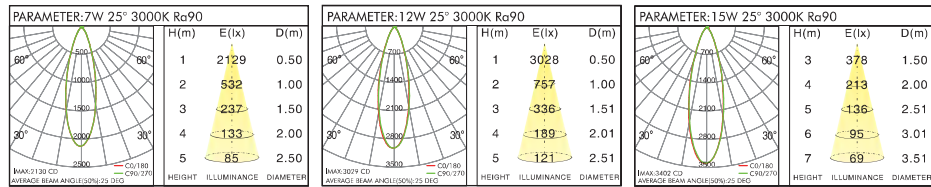
Part Number	EM-02CH0020-02
Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 95x95mm URG<10 Adjustable



Part Number	EM-02CH0220-02
Power	2x7W 2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 190x95mm URG<10 Adjustable



COLOUR BK ● WHO | Chrome Gun black Matt silver Matt white Matt black

OPTIONS	EM-02CH0207-02	EM-02CH0212-02	EM-02CH0220-02
1 Non-DIM			
2 0/1-10V			
3 DALI			
	L118xW64	L158xW84	L198xW105

COLOUR BK ■ WHO | Chrome Gun black Matt silver Matt white Matt black



Part Number	EM-02CH0307-03
Power	3x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02CH0312-03
Power	3x7W 3x10W 3x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

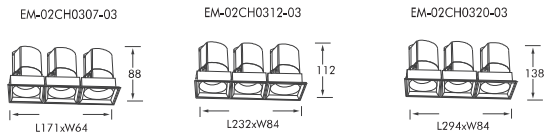


Part Number	EM-02CH0320-03
Power	3x7W 3x10 3x12W 3x15W 3x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



OPTIONS

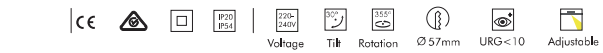
1	Non-DIM
2	0/1-10V
3	DALI



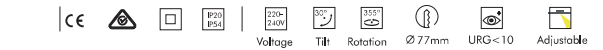




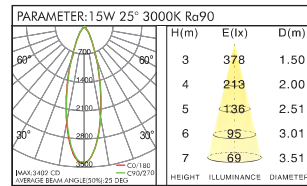
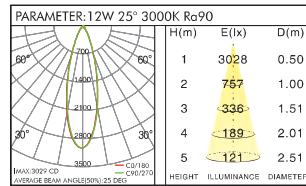
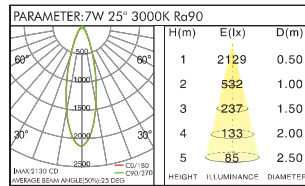
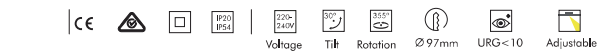
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Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01TR0012-01
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01TR0020-01
Power	7W 10 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB





Part Number	EM-02TR0007-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02TR0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02TR0012-01
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02TR0212-02
Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02TR0020-01
Power	7W 10 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02TR0220-02
Power	2X12W 2X15W 2X20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



EM-02TR0007-01    EM-02TR0012-01    EM-02TR0020-01

OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI

COLOUR BK ● WHO | Chrome Gun black Matt silver Matt white Matt black

EM-02TR0207-02    EM-02TR0212-02    EM-02TR0220-02

OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI

COLOUR BK ■ WH □ | Chrome Gun black Matt silver Matt white Matt black





Part Number	EM-03TR0307-03	
Power	3x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-03TR0312-03	
Power	3x7W 3x10W 3x12W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

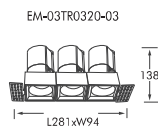
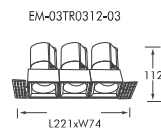
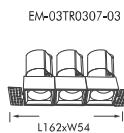


Part Number	EM-03TR0320-03	
Power	3x12W 3x15W 3x20W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI



COLOUR BK ● WHO |

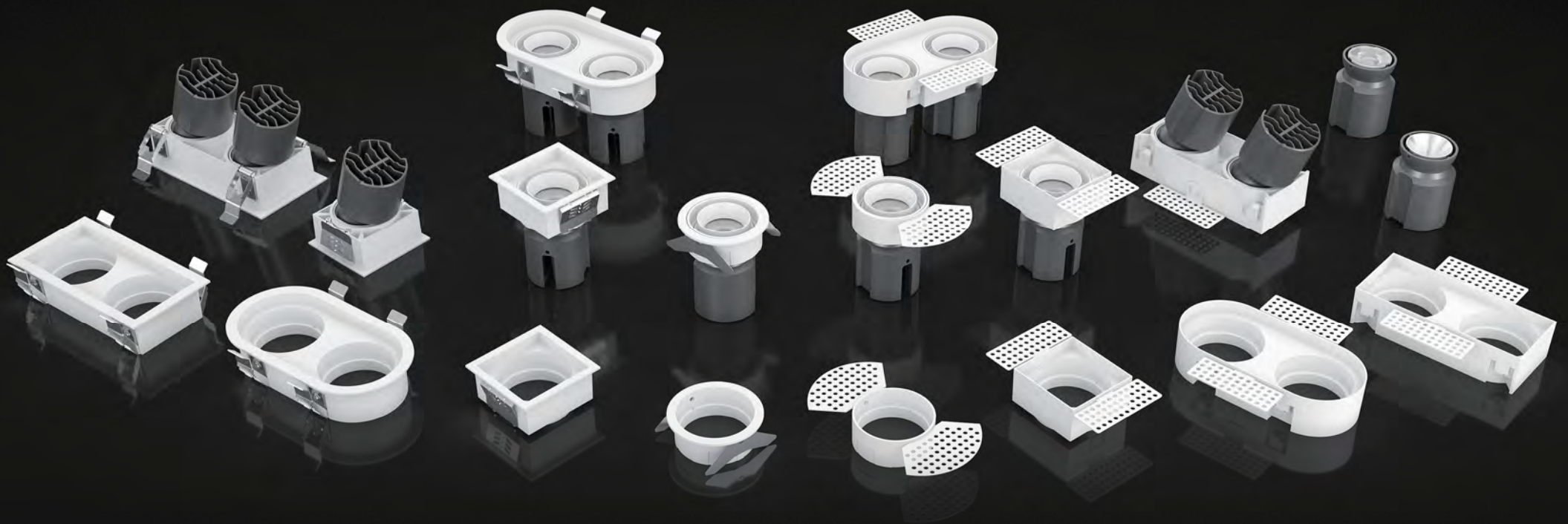


Chrome Gun black Matt silver Matt white Matt black



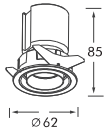
# Soyuz

Simple appearance, comfortable light effect are the essential features of this kind of product. Under the premise of ensuring optimal performance, our R&D team develops this series of luminaire adopting deep optical design. This effectively eliminates the influence of dazzle on the eye, and creates a more comfortable illumination environment. With same appearance but different size and beam angle, Soyuz is a good choice to meet the requirements for different brightness and light effects in the same space.

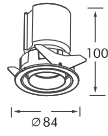




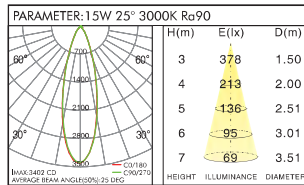
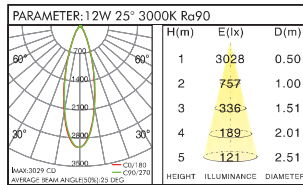
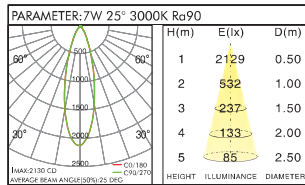
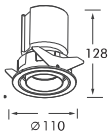
Part Number	EM-01SO0007-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01SO0020-01
Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-01SO0030-01
Power	7W 10 12W 15W 20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR BK ■ WH □







Part Number: EM-02SG0007-01

Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Technical icons: CE, RoHS, IP20, PSE, Voltage 220-240V, Tilt, Rotation, Ø 57mm, URG < 10, Adjustable.



Part Number: EM-02SG0020-01

Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

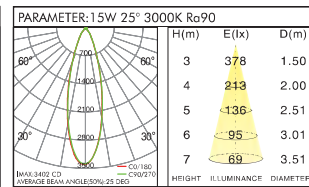
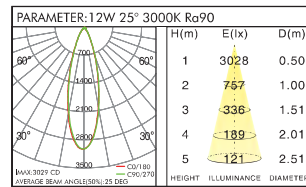
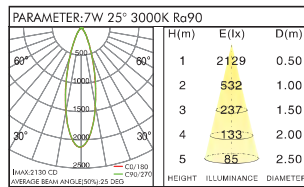
Technical icons: CE, RoHS, IP20, PSE, Voltage 220-240V, Tilt, Rotation, Ø 77mm, URG < 10, Adjustable.



Part Number: EM-02SG0030-01

Power	7W 10 12W 15W 20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Technical icons: CE, RoHS, IP20, PSE, Voltage 220-240V, Tilt, Rotation, Ø 97mm, URG < 10, Adjustable.



COLOUR BK ■ WH □



Part Number	EM-02SO0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02SY0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02SO0220-02
Power	2x7W 2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



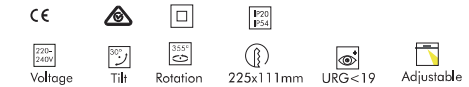
Part Number	EM-02SY0220-02
Power	2x7W 2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



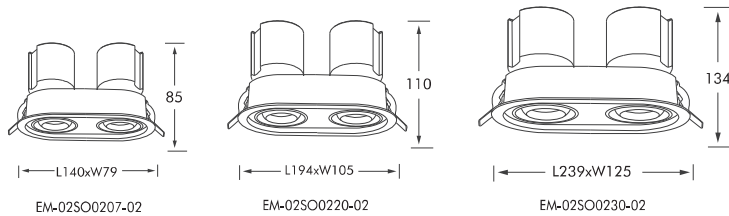
Part Number	EM-02SO0230-02
Power	2x10 2x12W 2x15W 2x20W 2x25W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



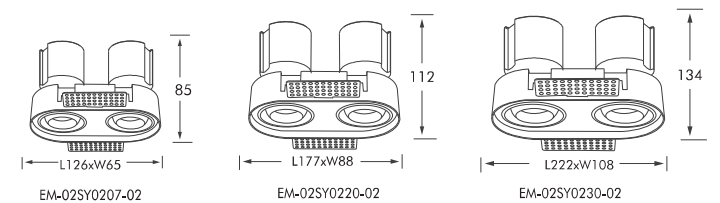
Part Number	EM-02SY0230-02
Power	2x10 2x12W 2x15W 2x20W 2x25W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI



OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI







Part Number	EM-01SQ0007-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 55x55mm URG<19 Adjustable



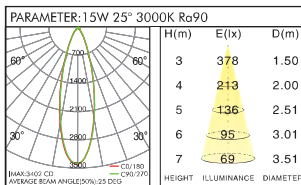
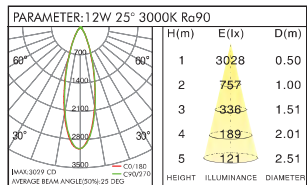
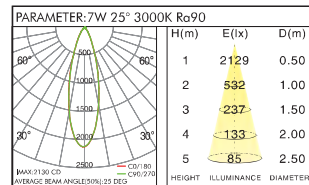
Part Number	EM-01SQ0020-01
Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 75x75mm URG<19 Adjustable



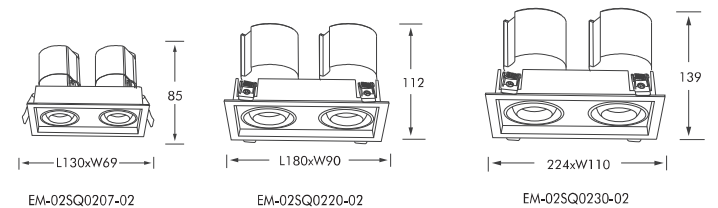
Part Number	EM-01SQ0030-01
Power	7W 10 12W 15W 20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 95x95mm URG<19 Adjustable



OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI



EM-02SQ0207-02

EM-02SQ0220-02

EM-02SQ0230-02

Part Number	EM-02SQ0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 122x60mm URG<19 Adjustable



Part Number	EM-02SQ0220-02
Power	2x7W 2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 164x77mm URG<19 Adjustable



Part Number	EM-02SQ0230-02
Power	2x10W 2x12W 2x15W 2x20W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 207x95mm URG<19 Adjustable



Part Number	EM-01ST0007-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 57x57mm URG<19 Adjustable



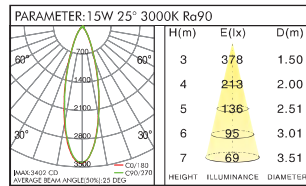
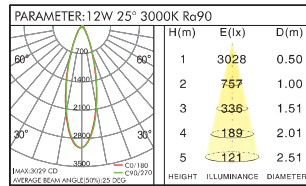
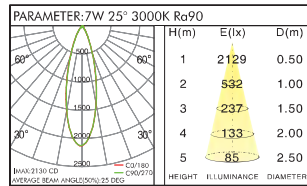
Part Number	EM-01ST0020-01
Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 77x77mm URG<19 Adjustable



Part Number	EM-01ST0030-01
Power	7W 10 12W 15W 20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 97x97mm URG<19 Adjustable



COLOUR BK ■ WHD |



Part Number	EM-02ST0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 120x62mm URG<19 Adjustable



Part Number	EM-02ST0220-02
Power	2x7W 2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 167x80mm URG<19 Adjustable

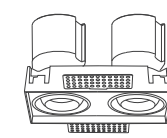


Part Number	EM-02ST0230-02
Power	2x10W 2X12W 2X15W 2X20W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

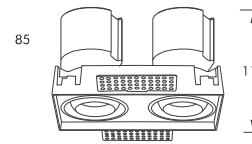
Voltage Tilt Rotation 210x97mm URG<19 Adjustable

OPTIONS

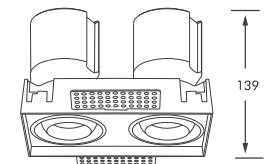
- 1 Non-DIM
- 2 0/1-10V
- 3 DALI



EM-02ST0207-02



EM-02ST0220-02



EM-02ST0230-02

COLOUR BK ■ WHD |



Part Number	EM-02SA0207-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



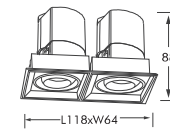
Part Number	EM-03SA0307-03
Power	3x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



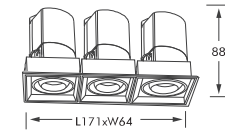
Part Number	EM-04SA0407-04
Power	4x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



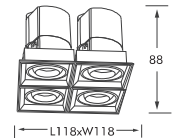
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI



EM-02SA0207-02



EM-03SA0307-03



EM-04SA0407-04

COLOUR BK ■ WH □



Part Number	EM-02SB0207-02	
Power	2x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-03SB0307-03	
Power	3x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

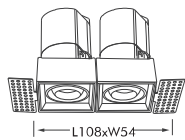


Part Number	EM-04SB0407-04	
Power	4x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

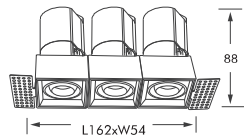


OPTIONS

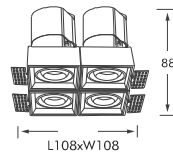
1	Non-DIM
2	0/1-10V
3	DALI



EM-02SB0207-02



EM-03SB0307-03



EM-04SB0407-04

COLOUR BK ■ WH □







Part Number	EM-02SU0220-02
Power	2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-02SB0220-02
Power	2x10W 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-03SQ0320-03
Power	3x10W 3x12W 3x15W 3x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-03SB0320-03
Power	3x10W 3x12W 3x15W 3x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



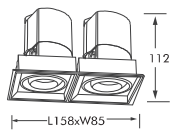
Part Number	EM-04SQ0330-04
Power	4x10W 4x12W 4x15W 4x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



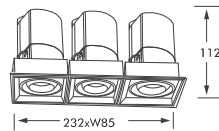
Part Number	EM-04SB0430-04
Power	4x10W 4x12W 4x15W 4x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



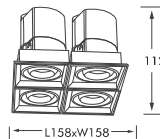
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DAI



EM-02SU0220-02



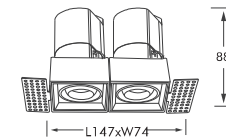
EM-03SQ0320-03



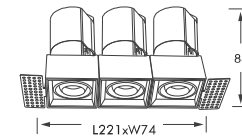
EM-04SQ0330-04

COLOUR BK ■ WH □

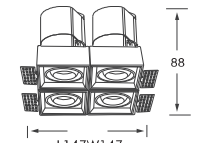
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DAI



EM-02SB0220-02



EM-03SB0320-03



EM-04SB0430-04

COLOUR BK ■ WH □





Part Number	EM-02SF0230-02
Power	2x10W 2x12W 2x15W 2x20W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



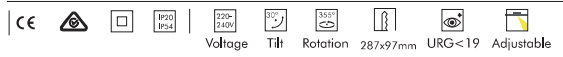
Part Number	EM-02SB0230-02
Power	2x10W 2x12W 2x15W 2x20W 2x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-03SF0330-03
Power	3x10W 3x12W 3x15W 3x20W 3x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-03SB0330-03
Power	3x10W 3x12W 3x15W 3x20W 3x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



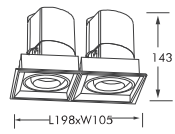
Part Number	EM-04SF0430-04
Power	4x10W 4x12W 4x15W 4x20W 4x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



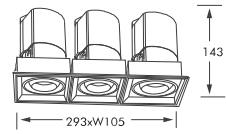
Part Number	EM-04SB0430-04
Power	4x10W 4x12W 4x15W 4x20W 4x30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



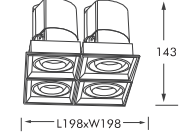
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI



EM-02SF0230-02



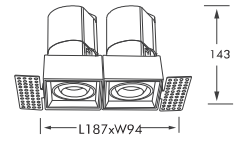
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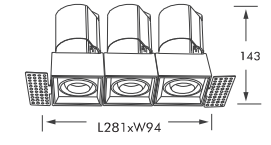
EM-04SF0430-04

COLOUR BK ■ WH □

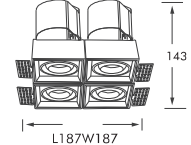
OPTIONS	
1	Non-DIM
2	0/1-10V
3	DALI



EM-02SB0230-02



EM-03SB0330-03



EM-04SB0430-04

COLOUR BK ■ WH □



# Lightning

*Versatile design of flexible adjustment*

*Pull-out and Push-in structure, aesthetic appearance*

*Flexible adjustable luminaires can be pulled out and locked at the  
-desired length*

*Anti-glare*

*No-flicker*



Part Number **EM-05LR0010-01**

Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation Ø 55mm URG < 10 Adjustable



Part Number **EM-05LR0210-02**

Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 126x65mm URG < 10 Adjustable



Part Number **EM-05LR0012-01**

Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation Ø 75mm URG < 10 Adjustable



Part Number **EM-05LR0212-02**

Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 178x88mm URG < 10 Adjustable



Part Number **EM-05LR0020-01**

Power	7W 10 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

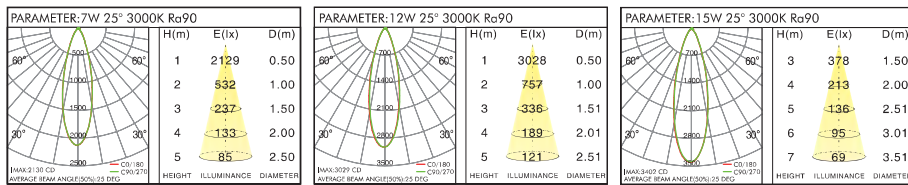
Voltage Tilt Rotation Ø 95mm URG < 10 Adjustable



Part Number **EM-05LR0220-02**

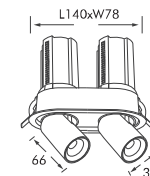
Power	2x10 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB

Voltage Tilt Rotation 223x109mm URG < 10 Adjustable

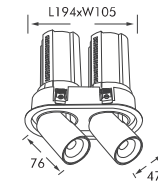


OPTIONS

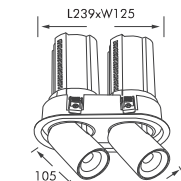
1	Non-DIM
2	0/1-10V
3	DALI



EM-05LR0210-02



EM-05LR0212-02



EM-05LR0220-02



Part Number **EM-05LT0010-01**

Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number **EM-05LT0210-02**

Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number **EM-05LT0012-01**

Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number **EM-05LT0212-02**

Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



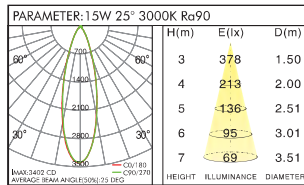
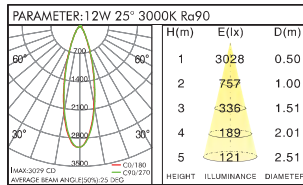
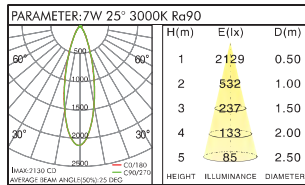
Part Number **EM-05LT0020-01**

Power	7W 10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

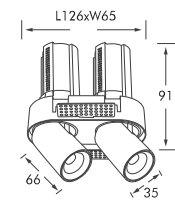


Part Number **EM-05LT0220-02**

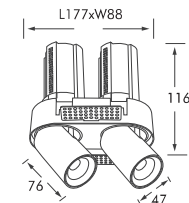
Power	2x10 2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



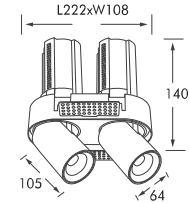
- OPTIONS
- 1 Non-DIM
  - 2 0/1-10V
  - 3 DALI



EM-05LT0210-02



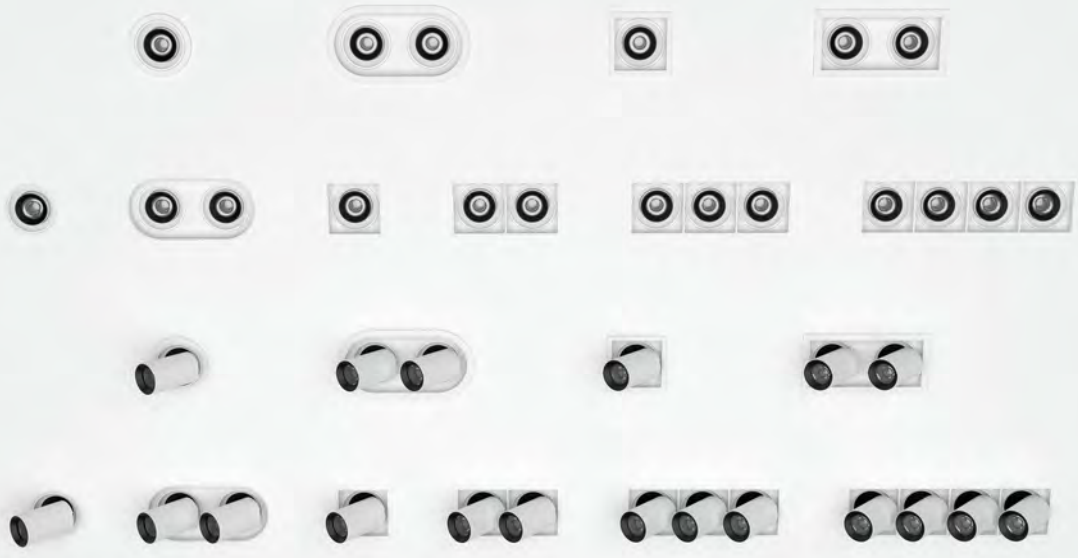
EM-05LT0212-02



EM-05LT0220-02

COLOUR BK ■ WH □

COLOUR BK ■ WH □



Part Number	EM-05LS0010-01	
Power	7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 55x55mm URG<19 Adjustable



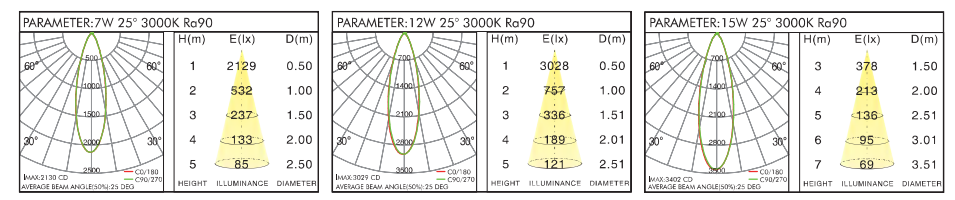
Part Number	EM-05LS0012-01	
Power	7W 10W 12W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 75x75mm URG<19 Adjustable



Part Number	EM-05LS0020-01	
Power	7W 10 12W 15W 20W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 95x95mm URG<19 Adjustable



COLOUR BK ■ WH □





Part Number	EM-05LS0210-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-05LS0212-02
Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

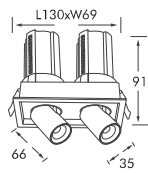


Part Number	EM-05LS0220-02
Power	2x10W 2X12W 2X15W 2X20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

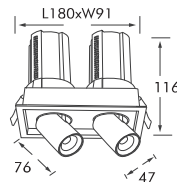


OPTIONS

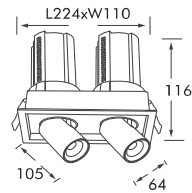
1	Non-DIM
2	0/1-10V
3	DALI



EM-05LS0210-02



EM-05LS0212-02



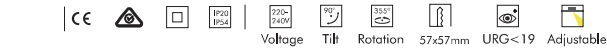
EM-05LS0220-02

COLOUR BK ■ WH □





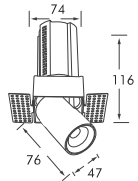
Part Number	EM-05LQ0010-01
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-05LQ0210-02
Power	2x7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



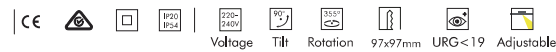
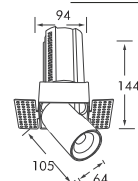
Part Number	EM-05LQ0012-01
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



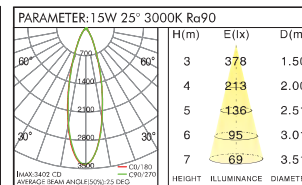
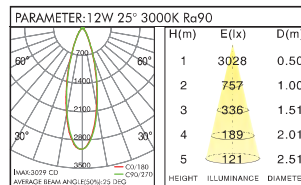
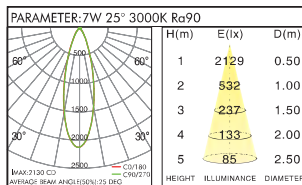
Part Number	EM-05LQ0212-02
Power	2x7W 2x10W 2x12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



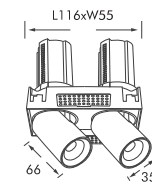
Part Number	EM-05LQ0020-01
Power	7W 10 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



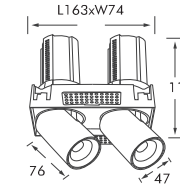
Part Number	EM-05LQ0220-02
Power	2x10W 2X12W 2X15W 2X20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



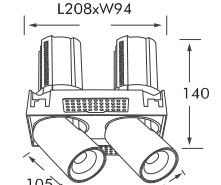
- OPTIONS
- 1 Non-DIM
  - 2 0/1-10V
  - 3 DALI



EM-05LQ0210-02



EM-05LQ0212-02



EM-05LQ0220-02

COLOUR BK ■ WH □

COLOUR BK ■ WH □



Part Number	EM-05LG0210-02	
Power	2x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-06LG0212-02	
Power	2x7W 2x10W 2x12W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-05LQ0310-03	
Power	3x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-06LQ0312-03	
Power	3x7W 3x10W 3x12W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-05LQ0410-04	
Power	4x7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

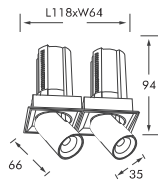


Part Number	EM-06LQ0412-04	
Power	4x7W 4x10W 4x12W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

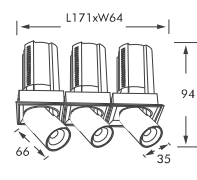


OPTIONS

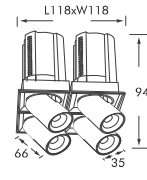
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2	0/1-10V
3	DALI



EM-05LG0210-02



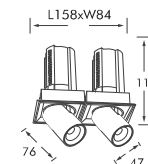
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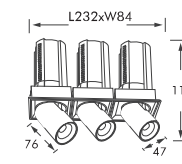
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OPTIONS

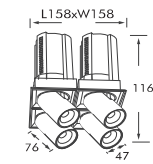
1	Non-DIM
2	0/1-10V
3	DALI



EM-06LG0212-02



EM-06LQ0312-03



EM-06LQ0412-04

COLOUR BK ■ WH □

COLOUR BK ■ WH □





Part Number	EM-05LQ0220-02	
Power	2x10W	2x12W 2x15W 2x20W
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-05LQ0320-03	
Power	3x10W	3x12W 3x15W 3x20W
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

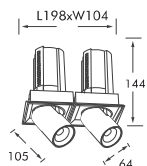


Part Number	EM-05LQ0420-04	
Power	4x10W	4x12W 4x15W 4x20W
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

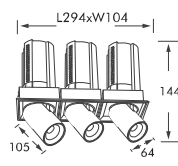


OPTIONS

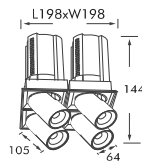
1	Non-DIM
2	0/1-10V
3	DALI



EM-05LQ0220-02



EM-05LQ0320-03



EM-05LQ0420-04

COLOUR BK ■ WH □





## Unicorn series

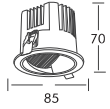
Features:

- Excellent uniform light distribution,
- Optical Tilt angle designed, just put the luminaires to the place, don't need to modify lamps
- Applications: architecture lighting, indoor wall washer, billboards and blackboard light...etc





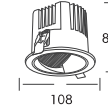
Part Number EM-06UN1012-01



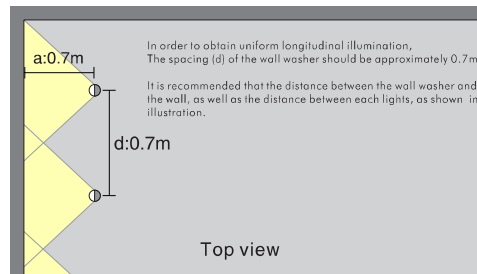
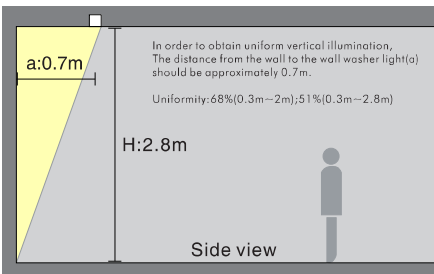
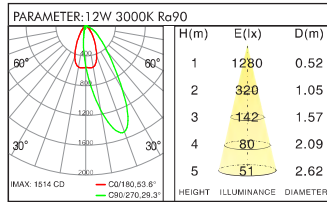
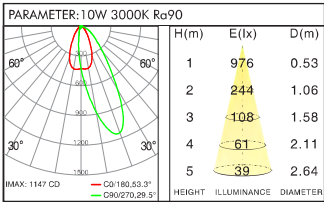
Power	10W 12W
Beam angle	Wall washer
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB



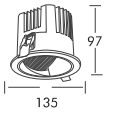
Part Number EM-06UN1020-01



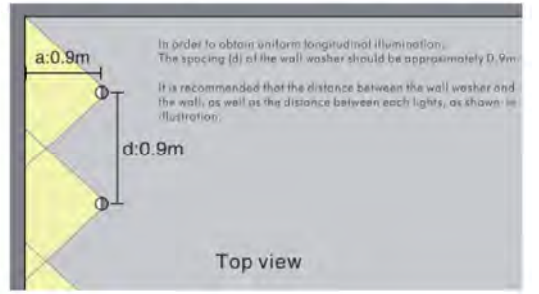
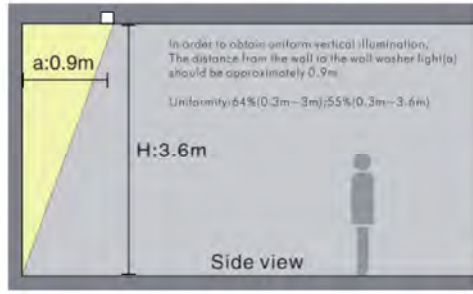
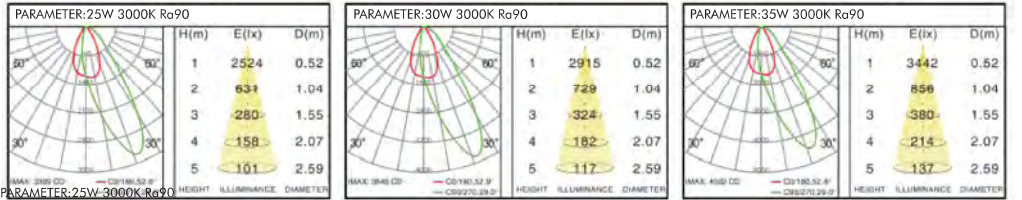
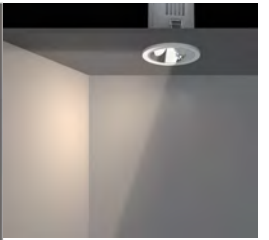
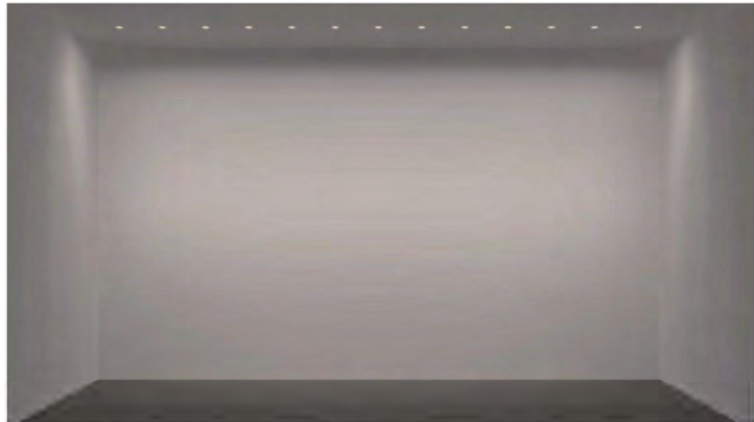
Power	12W 15W 20W
Beam angle	Wall washer
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB












Part Number	EM-06UN1035-01	
Power	25W 30W 35W	
Beam angle	Wall washer	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	





# AL TRACK LIGHTING

-  wires 1 circuit DALI dimming.  
4 wires 1 circuit 1-10V dimming.
-  Magical effect due to uniform light emission surface.
-  15° 25° 36° 60° Rich optical angle to meet different space needs.
-  Precise light distributions for point-precise illuminances with no spill light.
-  Variety optical components, honeycomb louver, cross anti-glare ring, anti-glare baffle kits, is available.





Part Number	EM-08AL0115-01	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-08AL0135-01	
Power	20W 25W 30W 35W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Part Number	EM-08AL0120-01	
Power	10W 12W 15W 20W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-08AL0130-01	
Power	15W 20W 25W 30W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



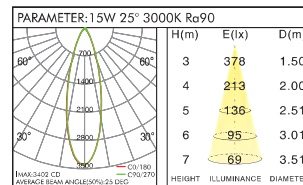
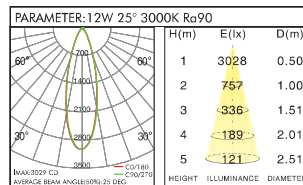
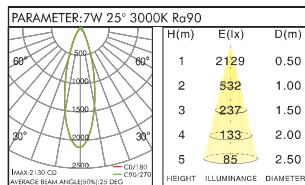
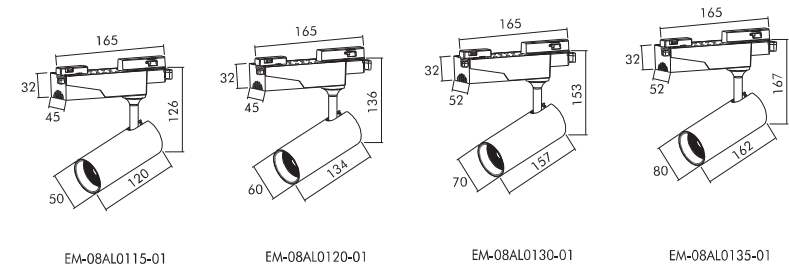
MODEL

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

SUITABLE TRACK SYSTEM

1	3-CIRCUITS DALI
2	1-CIRCUITS DALI
3	3-CIRCUITS
4	1-CIRCUITS

ACCESSORIES



COLOUR BK ■ WH □

COLOUR BK ■ WH □



Part Number	EM-08AL0115-02	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-08AL0120-02	
Power	15W 20W 25W 30W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-08AL0120-02	
Power	10W 12W 15W 20W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-08AL0130-02	
Power	15W 20W 25W 30W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



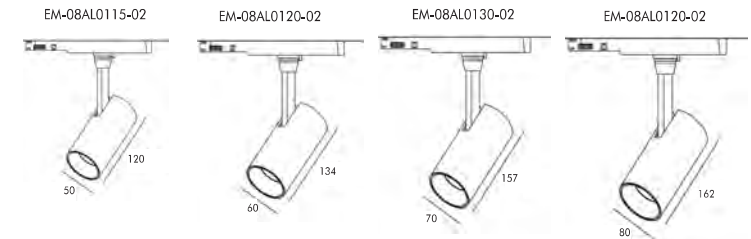
MODEL

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

SUITABLE TRACK SYSTEM

1	3-CIRCUITS DALI
2	1-CIRCUITS DALI
3	3-CIRCUITS
4	1-CIRCUITS

ACCESSORIES



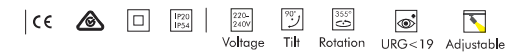




Part Number	EM-31AL0115-15
Power	7W 10W 12W 15W
Beam angle	15°/25°/36°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-31AZ0130-30
Power	15W 20W 25W 30W
Beam angle	15°-----60° <b>Stepless zoomable</b>
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-31AL0120-20
Power	10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



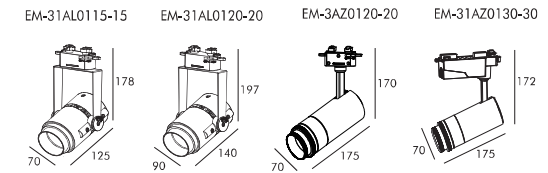
Part Number	EM-3AZ0120-20
Power	12W 15W 20W
Beam angle	15°-----60° <b>Stepless zoomable</b>
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



MODEL	
1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

SUITABLE TRACK SYSTEM	
1	3-CIRCUITS DALI
2	1-CIRCUITS DALI
3	3-CIRCUITS
4	1-CIRCUITS

ACCESSORIES	
	HONEYCOMB





Part Number	EM-26AC0115-20	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-26AC0120-20	
Power	10W 12W 15W 20W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-26AC0130-20	
Power	15W 20W 25W 30W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



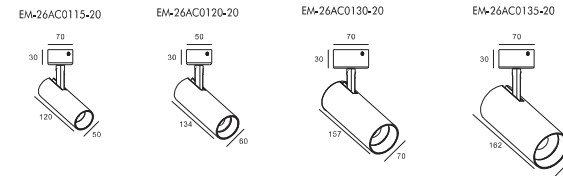
Part Number	EM-26AC0135-20	
Power	15W 20W 25W 30W 35W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



**OPTIONS**

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

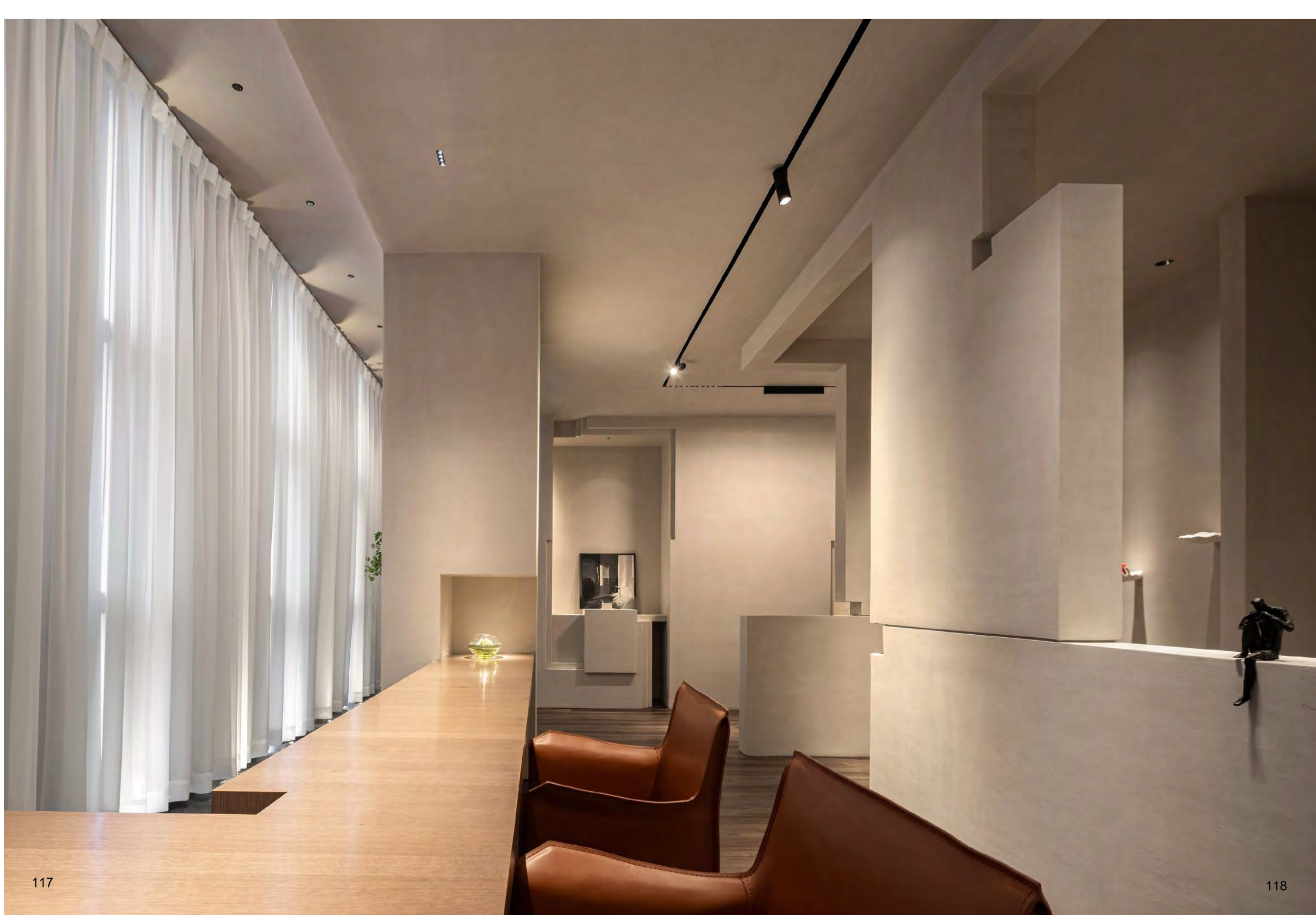
**ACCESSORIES**





## M20 Series

The system uses 48V low-voltage power supply, safe, efficient, energy-saving, conductive substrates using gold deposition technology, covering high conductive black carbon oil, with good effect and excellent performance; each optical module can use Bluetooth or DALI signal to carry out independent single-point control switch and dimming, to achieve a more systematic lighting scheme, a space can easily achieve basic lighting, key lighting, wall washing lighting, Bureau lighting, Department lighting and so on





**M20A TRACK suspended indirect**  
order installation track, light insets+ mounting accessories separately

**OPTIONS**

1	Non-DIM
2	0/1-10V
3	DALI

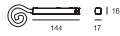
**INSTALLATION TRACK**

L(mm)	
1000mm	channel
2000mm	channel
3000mm	channel
68x68	channel corner*V90°
68x68	channel corner*L90°
68x68	channel corner*E90°



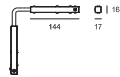
**POWER FEEDER UNIT**

TYPE	
Cable length	500mm



**CONNECTOR SET**

TYPE	
	linear flexible



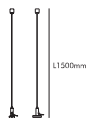
**END CAPS**

TYPE	
	end caps(pair)



**CEILING FASTENER/CABLE SUSPENSION/CANOPY**

TYPE	L (mm)
ceiling fastener	20
cable susp. (use every 1500mm)	1500mm



COLOUR BK ■ WH □ |



**MINI TRACK M26A**  
surface/suspended  
system

**Description**

Extruded aluminium profile with 26mm width groove; for wall-/ceiling surface mounting or suspended mounting (1500 mm cable suspension); height adjustment without tools; incl. black feed; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; surface spray powder black or white/black; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh

**Quickinfo**

GENERAL  
surface, suspended  
IP20

ELECTRICAL  
NON DIM, DALI DIM, BLE MESH  
transparent feeder cable

PHYSICAL  
aluminium  
spray powder

**GRAPHIC LIGHT INSETS**



**GRILLE**





# MINI TRACK M26B trim system



## Quickinfo

GENERAL  
recessed trimless  
IP 20

ELECTRICAL  
NON DIM, DALI DIM, BLE MESH

PHYSICAL  
aluminium  
spray powder

## GRAPHIC LIGHT INSETS

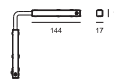
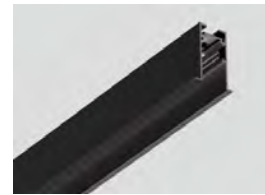


## GRILLE



## Description

Extruded aluminium profile with 26mm width groove; suitable for trim installation in plasterboard ceilings with each ceiling of various thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



## M20B TRACK suspended indirect

order installation track, light insets+mounting accessories separately

### OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI

### INSTALLTION TRACK

L(mm)	
1000mm	
2000mm	
3000mm	

68x68

68x68

68x68



48V

channel

channel

channel

channel corner\*V90°

channel corner\*L90°

channel corner\*E90°

### POWER FEEDER UNIT

TYPE

Cable length 500mm

### CONNECTOR SET

TYPE

linear flexible

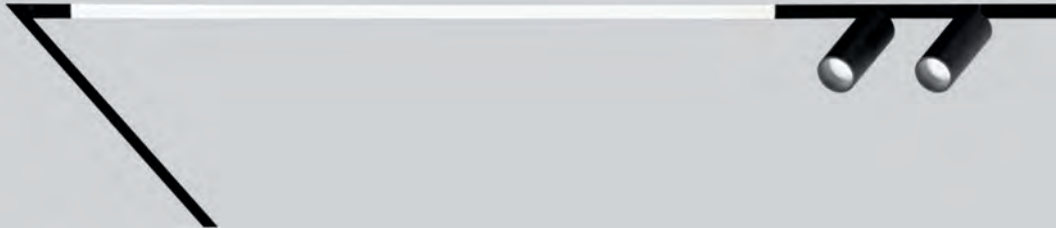
### END CAPS

TYPE

end caps(pair)

COLOUR BK ■ WH □

# MINI TRACK M26C trimless system



## Quickinfo

GENERAL  
recessed trimless  
IP20

ELECTRICAL  
NON DIM, DALI DIM, BLE MESH

PHYSICAL  
aluminium  
spray powder

## GRAPHIC LIGHT INSETS

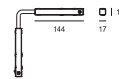
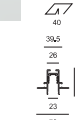


## GRILLE



## Description

Extruded aluminium profile with 26mm width groove; suitable for trimless installation in plasterboard ceilings with each ceiling of various thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



## M20C TRACK suspended indirect

order installation track, light insets+ mounting accessories separately

### OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI

### INSTALLATION TRACK

L(mm)	
1000mm	channel
2000mm	channel
3000mm	channel

68x68

68x68

68x68



48V

channel

channel

channel

channel corner\*V90°

channel corner\*L90°

channel corner\*E90°

### POWER FEEDER UNIT

TYPE  
Cable length 500mm

### CONNECTOR SET

TYPE  
linear flexible

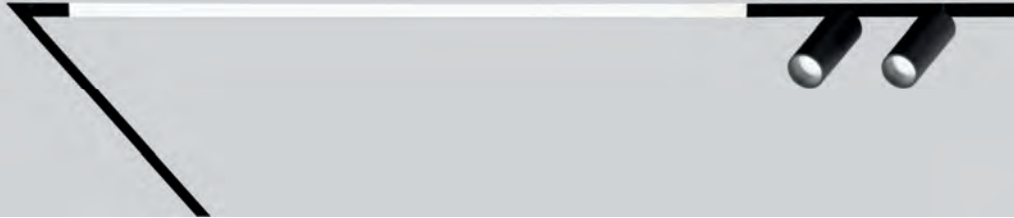
### END CAPS

TYPE  
end caps(pair)

COLOUR BK ■ WHD |

# MINI TRACK M26D

## trimless system



### Quickinfo

#### GENERAL

recessed trimless

IP20

#### ELECTRICAL

NON DIM , DALI DIM , BLE MESH

#### PHYSICAL

aluminium

spray powder

#### GRAPHIC LIGHT INSETS



#### GRILLE



### Description

Extruded aluminium profile with 26mm width groove; suitable for trimless installation in plasterboard ceilings with each ceiling of various thickness ; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



### MINI TRACK M20D Trimless

order installation track, light insets+ mounting accessories separately

#### OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI
4	BLE
5	ZIGBEE



#### INSTALLTION TRACK

L (mm)

1000 channel

2000 channel

3000 channel

100x100 channel corner\*V90°

100x100 channel corner\*H90°

100x100 channel corner\*E90°

#### POWER FEEDER UNIT

TYPE

2x2,5mm<sup>2</sup>/2x2,5 + 2x0,5mm<sup>2</sup>/cable length 500mm

2x2,5mm<sup>2</sup>/2x2,5 + 2x0,5mm<sup>2</sup>/cable length 2000mm

#### CONNECTOR SET

TYPE

linear flexible

#### CONNECTOR SET

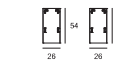
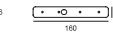
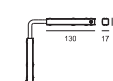
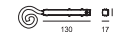
TYPE

mechanical linear connector surface+suspended

#### END CAPS

TYPE

end caps (pair)



MATERIAL COLOUR | BK ■ |

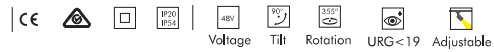
# Spotlight insets



Part Number	EM-06ME0005-05
Power	5W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-06ME0205-05
Power	2x5W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-06ME0812-12
Power	8W 12W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR | BK ■ WH □ | MATERIAL | AL

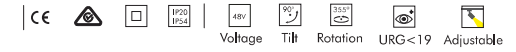
# Spotlight insets



Part Number	EM-06ME0208-08
Power	2x8W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB

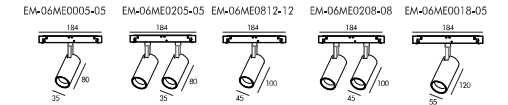


Part Number	EM-06ME0018-05
Power	18W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



## OPTIONS

1	Non-DIM
2	0/1-10V
3	DAU



COLOUR | BK ■ WH □ | MATERIAL | AL

# Spotlight insets



Part Number	EM-06ME0025-05
Power	20W 25W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



## OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI

EM-06ME0025-05



COLOUR | BK ■ WH □ | MATERIAL | AL |





# Spotlight insets



Part Number	EM-07ME0008-01
Power	8W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-07ME0015-02
Power	5W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-07ME0015-01
Power	15W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD

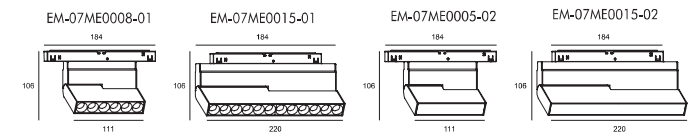


Part Number	EM-07ME0005-02
Power	8W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



## OPTIONS

1	Non-DIM
2	0/1-10V
3	DALI



COLOUR | BK ■ WH □ | MATERIAL | AL |

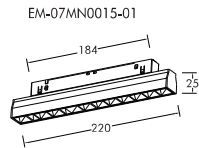
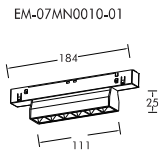
COLOUR | BK ■ WH □ | MATERIAL | AL |



Part Number	EM-07MN0010-01	
Power	10W	
Beam angle	15°/25°/36°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-07MN0015-01	
Power	15W	
Beam angle	15°/25°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



COLOUR | BK ■ | WH □





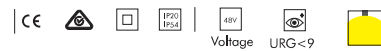
Part Number	EM-07SM0010-01	
Power	10W	
Beam angle	100°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



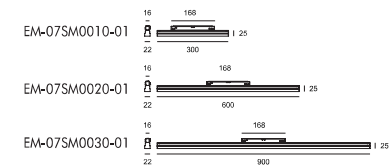
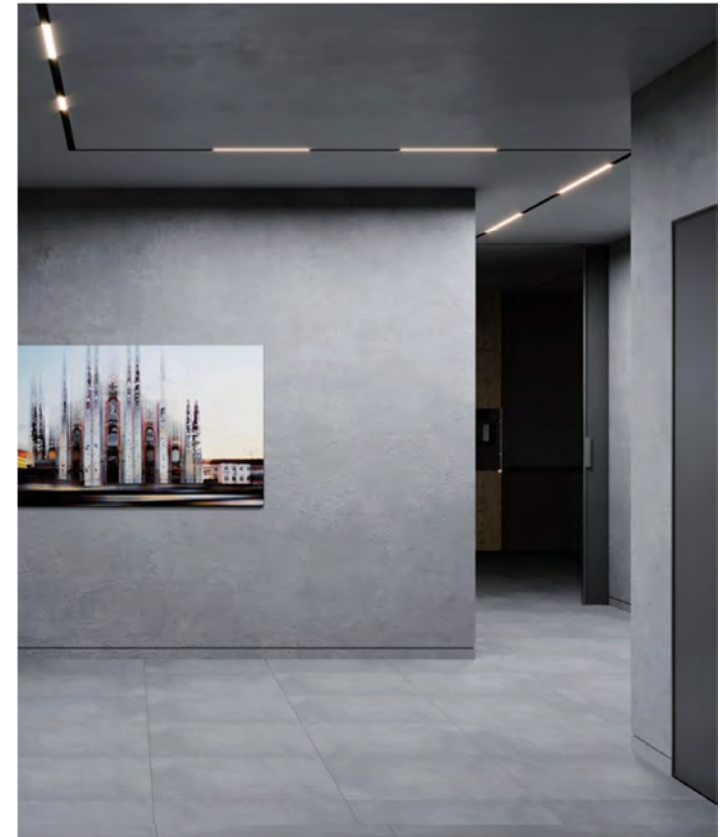
Part Number	EM-07SM0020-01	
Power	20W	
Beam angle	100°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-07SM0030-01	
Power	30W	
Beam angle	100°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	

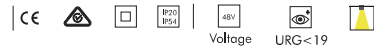


COLOUR | BK ■ WH □ | MATERIAL | AL |

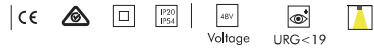




Part Number	EM-07CE0007-07
Power	5W 7W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



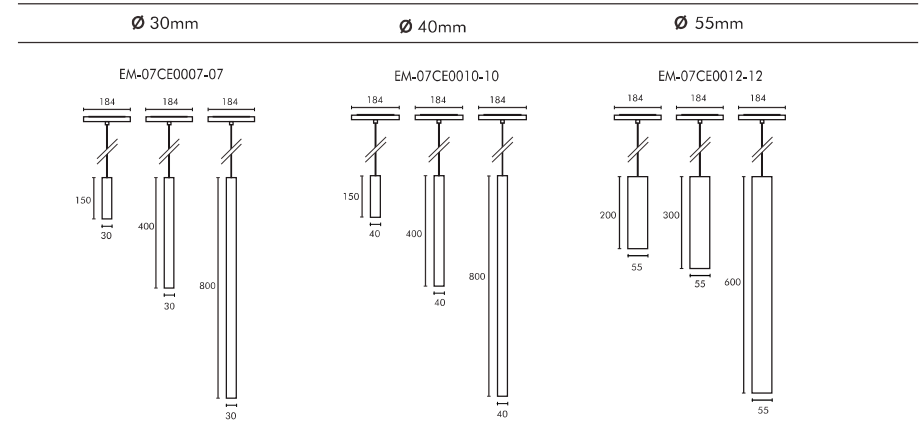
Part Number	EM-07CE0010-10
Power	5W 7W 10W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-07CE0012-12
Power	5W 7W 10W 12W
Beam angle	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR | BK ■ | WH □ | GD ■

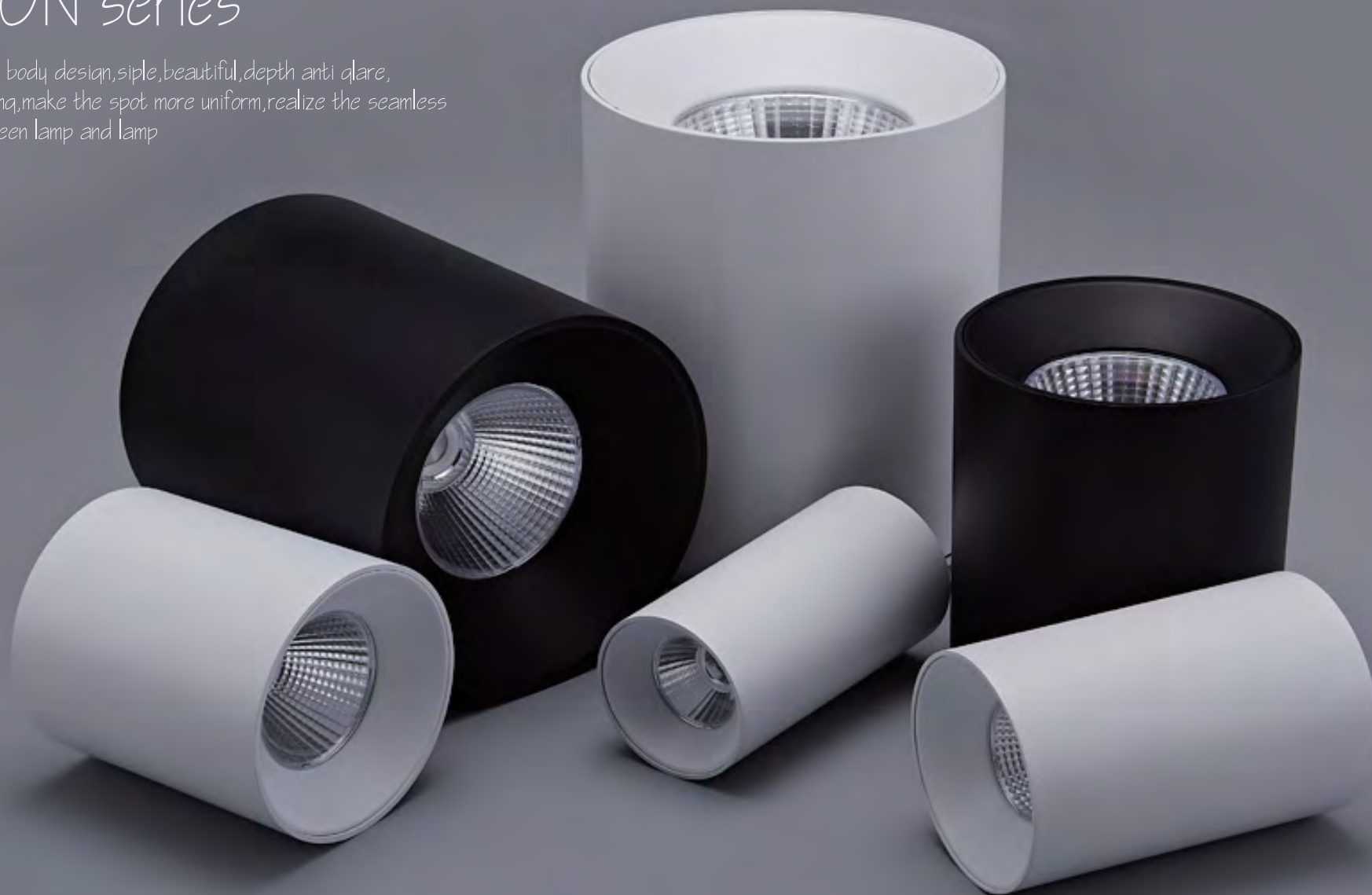


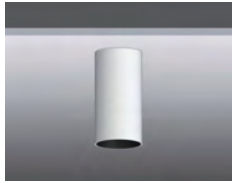




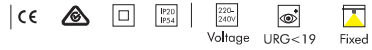
# PROTON series

*Integrated lamp body design, simple, beautiful, depth anti glare, scientific lighting, make the spot more uniform, realize the seamless connection between lamp and lamp*





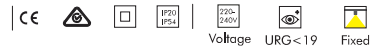
Part Number	EM-09PR0112-01
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



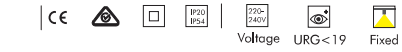
Part Number	EM-09PR0140-01
Power	20W 25W 30W 35W 40W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



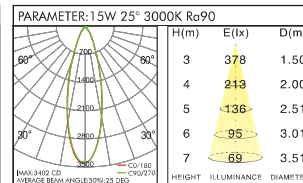
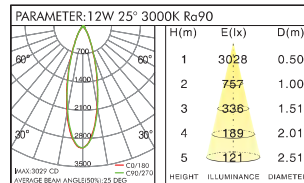
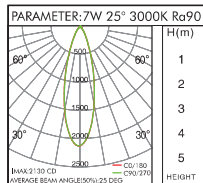
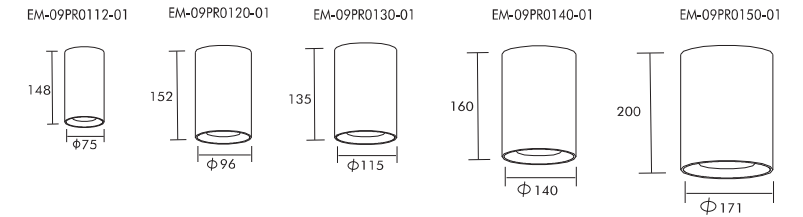
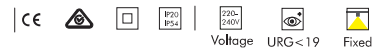
Part Number	EM-09PR0120-01
Power	10W 12W 15W 20W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-09PR0150-01
Power	20W 25W 30W 35W 40W 50W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



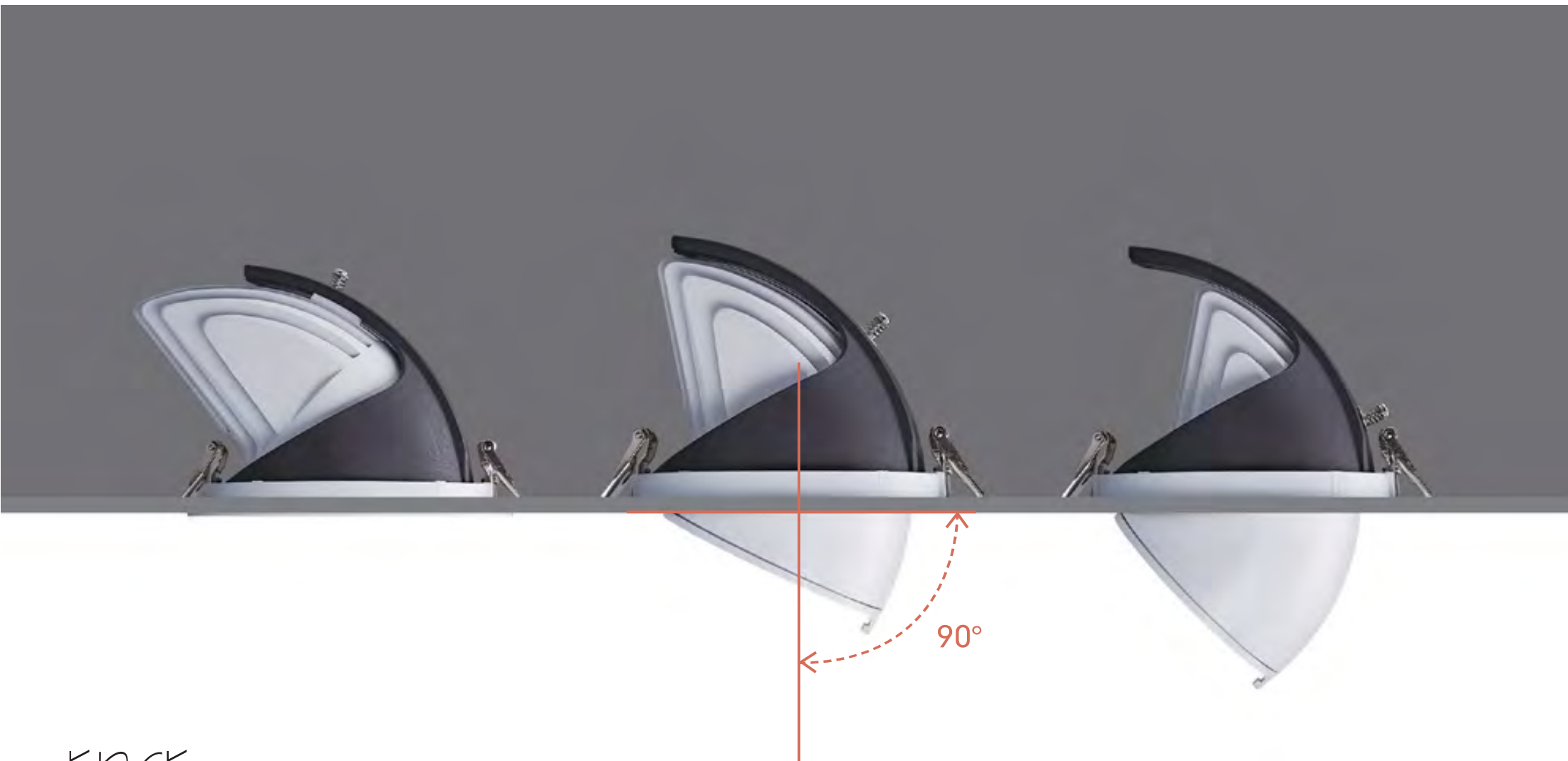
Part Number	EM-09PR0130-01
Power	12W 15W 20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR BK ■ WH □

COLOUR BK ■ WH □





## EDGE series

The lamp body is made of aluminum material, which generates heat when working. The aluminum lamp body conducts heat and uses various air streams for efficient heat dissipation, and has a longer service life. The reflective cup is made of plastic reflective cup with more accurate light control. It has good light concentration and light is not scattered. After many times of focusing test, the light spot effect is high and the light effect is excellent.



Part Number	EM-10ED0112-03
Power	7W 10W 12W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-10ED0130-03
Power	20W 25W 30W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



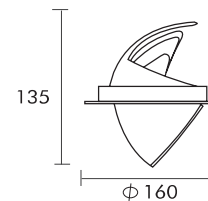
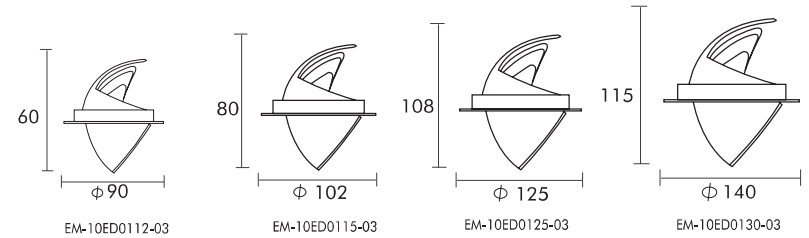
Part Number	EM-10ED0115-03
Power	10W 12W 15W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



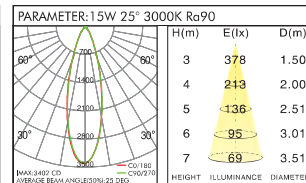
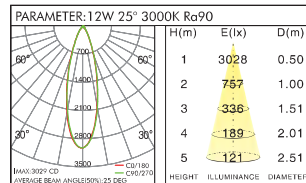
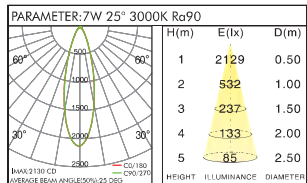
Part Number	EM-10ED0140-03
Power	30W 35W 40W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-10ED0125-03
Power	15W 20W 25W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

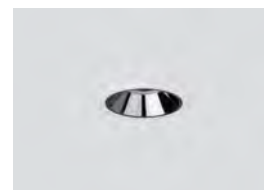


EM-10ED0140-03

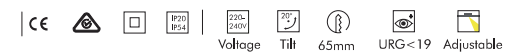




# Ascendant



Part Number	EM-11AS0110-05
Power	7W 10W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

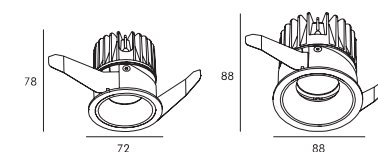


Part Number	EM-11AS0115-05
Power	10W 12W 15W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



## OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI
5	BLE
6	ZIGBEE



EM-11AS0110-05

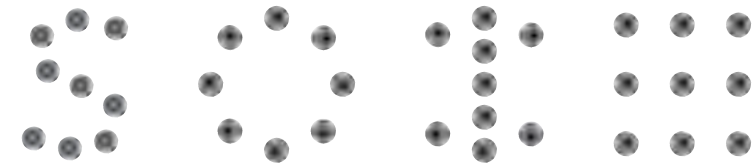
EM-11AS0115-05

COLOUR BK ■ WH □



# MINI SOFT

This LED Cabinet spot provides high-class accent lighting for display case. High CRI, excellent glare control & accurate narrow beam angle.





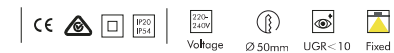
Part Number	EM-20MA0026-12	
Power	2W	
Beam angle	15° 25° 60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-20MA0035-12	
Power	3W	
Beam angle	15° 25° 50°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-20MA0050-12	
Power	5W	
Beam angle	15° 25° 45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-20MA0060-12	
Power	8W	
Beam angle	20° 38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-20MA0070-12	
Power	12W	
Beam angle	15° 25° 38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



COLOUR BK ■ WH □ | Chrome Black



Part Number	EM-19MA0050-11
Power	5W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



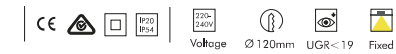
Part Number	EM-19MA0090-11
Power	12W 15W 20W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-19MA0060-11
Power	9W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-19MA0120-11
Power	20W 25W 30W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

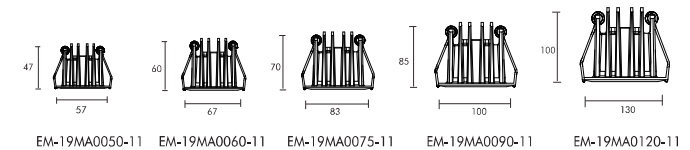


Part Number	EM-19MA0075-11
Power	7W 9W 12W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



#### OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI







Part Number	EM-30SW000-01	
Power	6W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-30SJ0009-01	
Power	7W 9W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

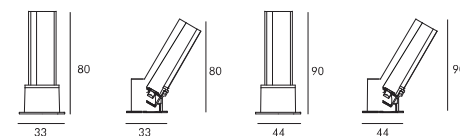


Part Number	EM-30SJ0006-01	
Power	6W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



EM-30SW000-01 EM-30SJ0006-01 EM-30SW0009-01 EM-30SJ0009-01

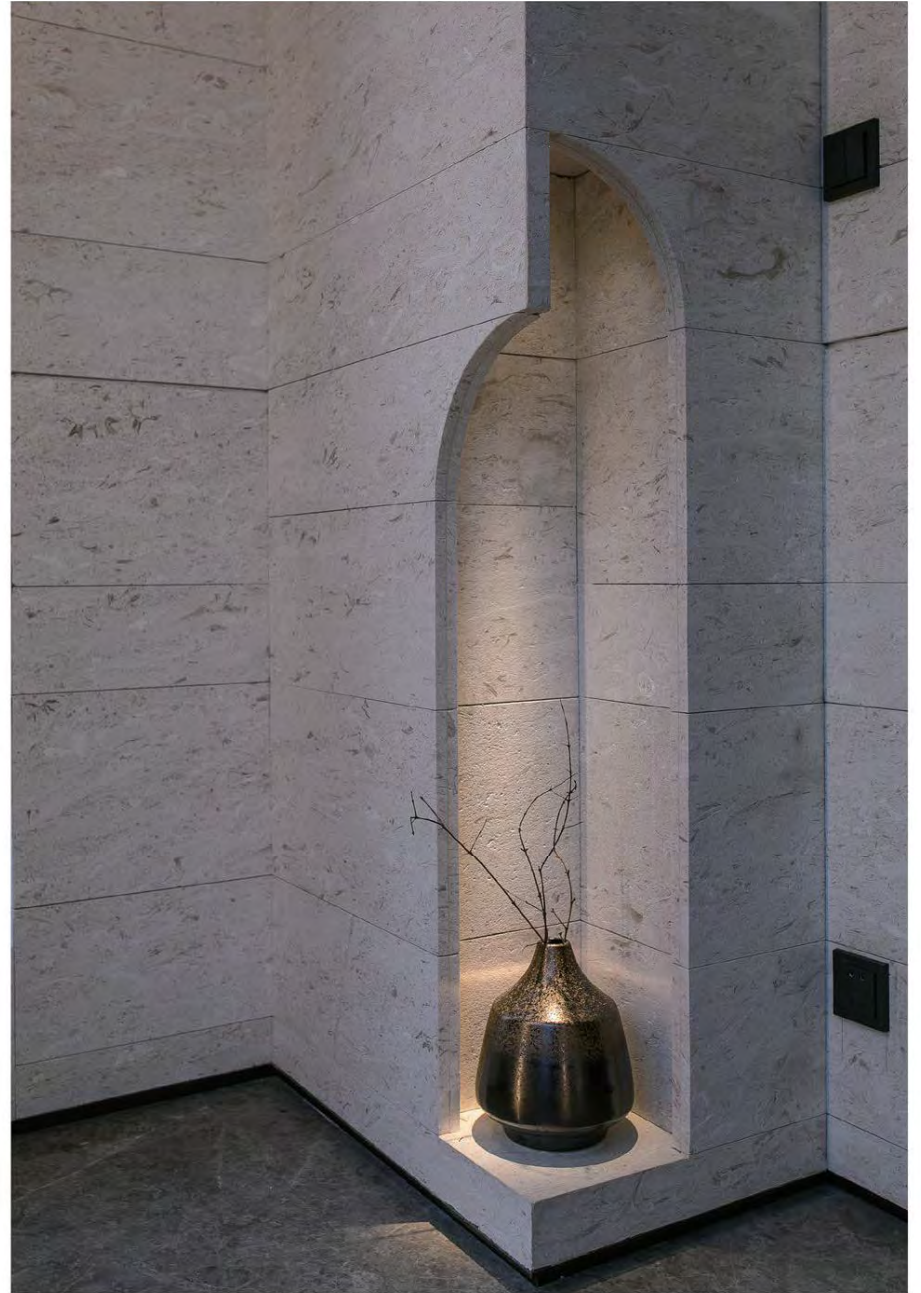


Part Number	EM-30SW0009-01	
Power	7W 9W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



COLOUR BK ■ WH □ | Black

COLOUR BK ■ WH □ | Black





Part Number	EM-31WD0015-25
Power	7W 10W 12W 15W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-31WT0015-28
Power	7W 10 12W 15W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

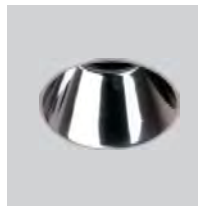
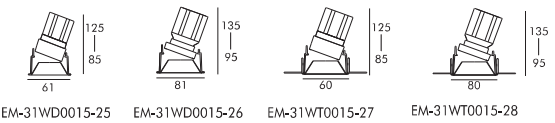


Part Number	EM-31WD0015-26
Power	7W 10W 12W 15W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-31WT0015-27
Power	7W 10 12W 15W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR BK ■ WH □ | Black Gold Chrome

COLOUR BK ■ WH □ | Black Gold Chrome



## DEEPO

We place the light source in a deeper position to suppress discomfort glare in field of view, the light looks like coming from the deep ocean, that's why we call it as "DEEPO", It is a "Visual comfortable" downlight eliminating offensive glare

### Round



EM-12DP0090-06

∅ 90  
15°/25°/38°/60°



EM-12DP0145-06

∅ 145  
15°/25°/38°/60°



EM-12DP0125-06

∅ 125  
15°/25°/38°/60°



EM-12DP0165-06

∅ 165  
15°/25°/38°/60°

### Square



EM-12DPS0090-06

∇ 90x90  
15°/25°/38°/60°



EM-12DPS0145-06

∇ 145x145  
15°/25°/38°/60°



EM-12DPS0125-06

∇ 125x125  
15°/25°/38°/60°



EM-12DPS0165-06

∇ 165x165  
15°/25°/38°/60°





■ Silver



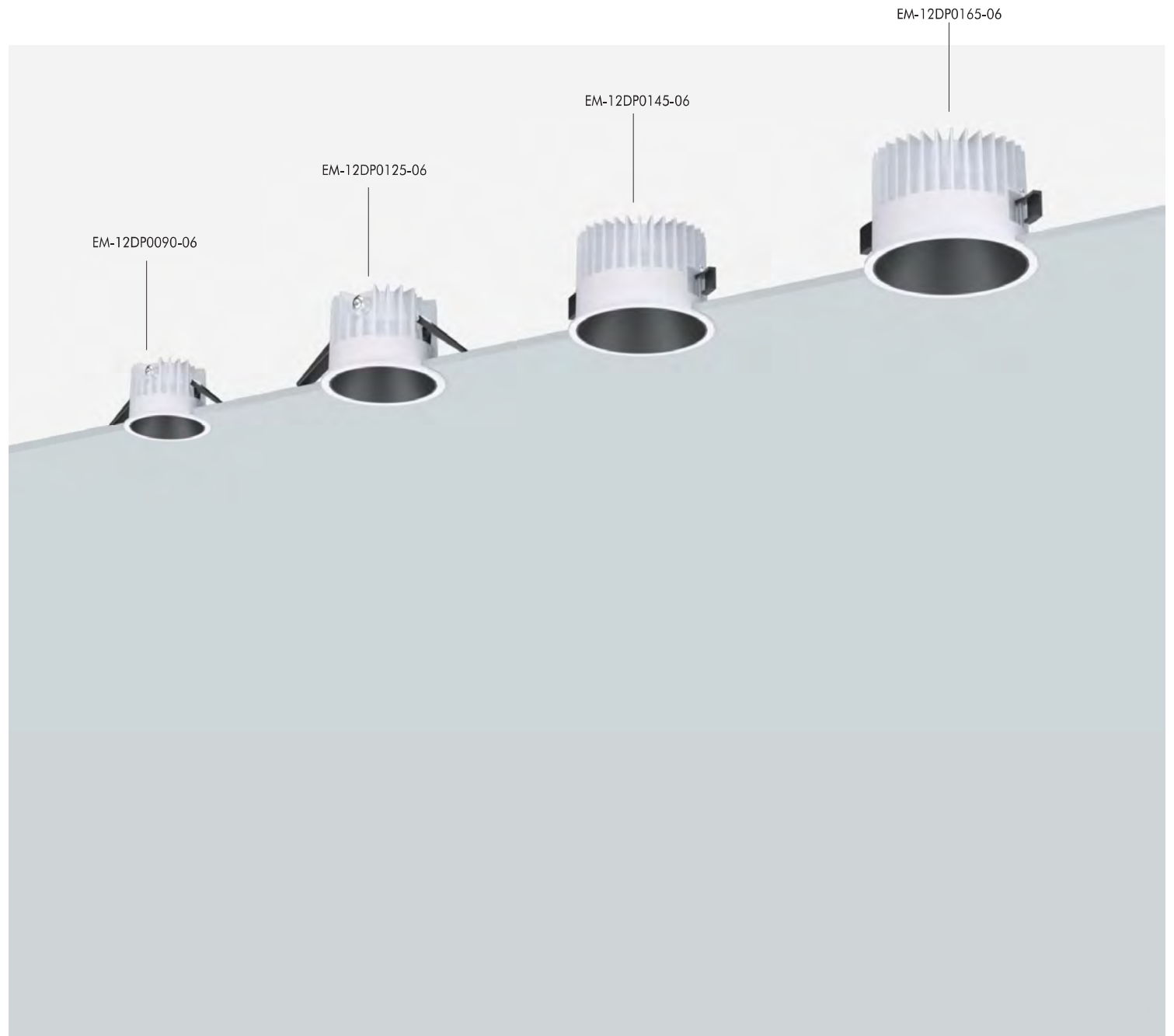
■ White



■ Black



■ Gold







Part Number	EM-12DP0090-06		
Power	7W	10W	12W 15W
Beam angle	15°/25°/36°/60°		
Color temperature	2700K/3000K/3500K/4000K		
Light efficiency	90lm/W		
Color rendering index	≥90		
Operating temperature	-25-50 °C		
Rated life hours	35000-50000H LM80		
LED chip	COB		



Part Number	EM-12DP0165-06		
Power	20W	25W	30W 35W 40W
Beam angle	15°/25°/38°/60°		
Color temperature	2700K/3000K/3500K/4000K		
Light efficiency	90lm/W		
Color rendering index	≥90		
Operating temperature	-25-50 °C		
Rated life hours	35000-50000H LM80		
LED chip	COB		



Part Number	EM-12DP0125-06		
Power	10W	12W	15W 20W 25W
Beam angle	15°/25°/38°/60°		
Color temperature	2700K/3000K/3500K/4000K		
Light efficiency	90lm/W		
Color rendering index	≥90		
Operating temperature	-25-50 °C		
Rated life hours	35000-50000H LM80		
LED chip	COB		

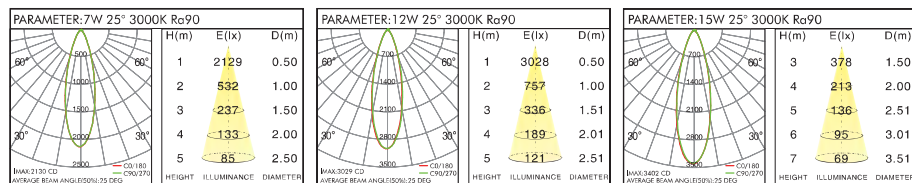
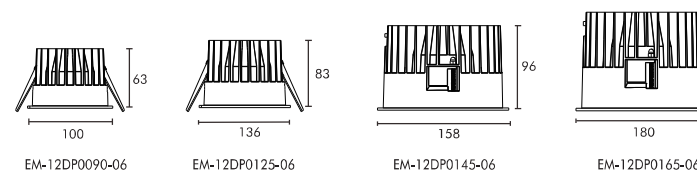


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-12DP0145-06		
Power	15W	20W	25W 30W
Beam angle	15°/25°/38°/60°		
Color temperature	2700K/3000K/3500K/4000K		
Light efficiency	90lm/W		
Color rendering index	≥90		
Operating temperature	-25-50 °C		
Rated life hours	35000-50000H LM80		
LED chip	COB		



COLOUR BK ■ WHD □



■ Silver



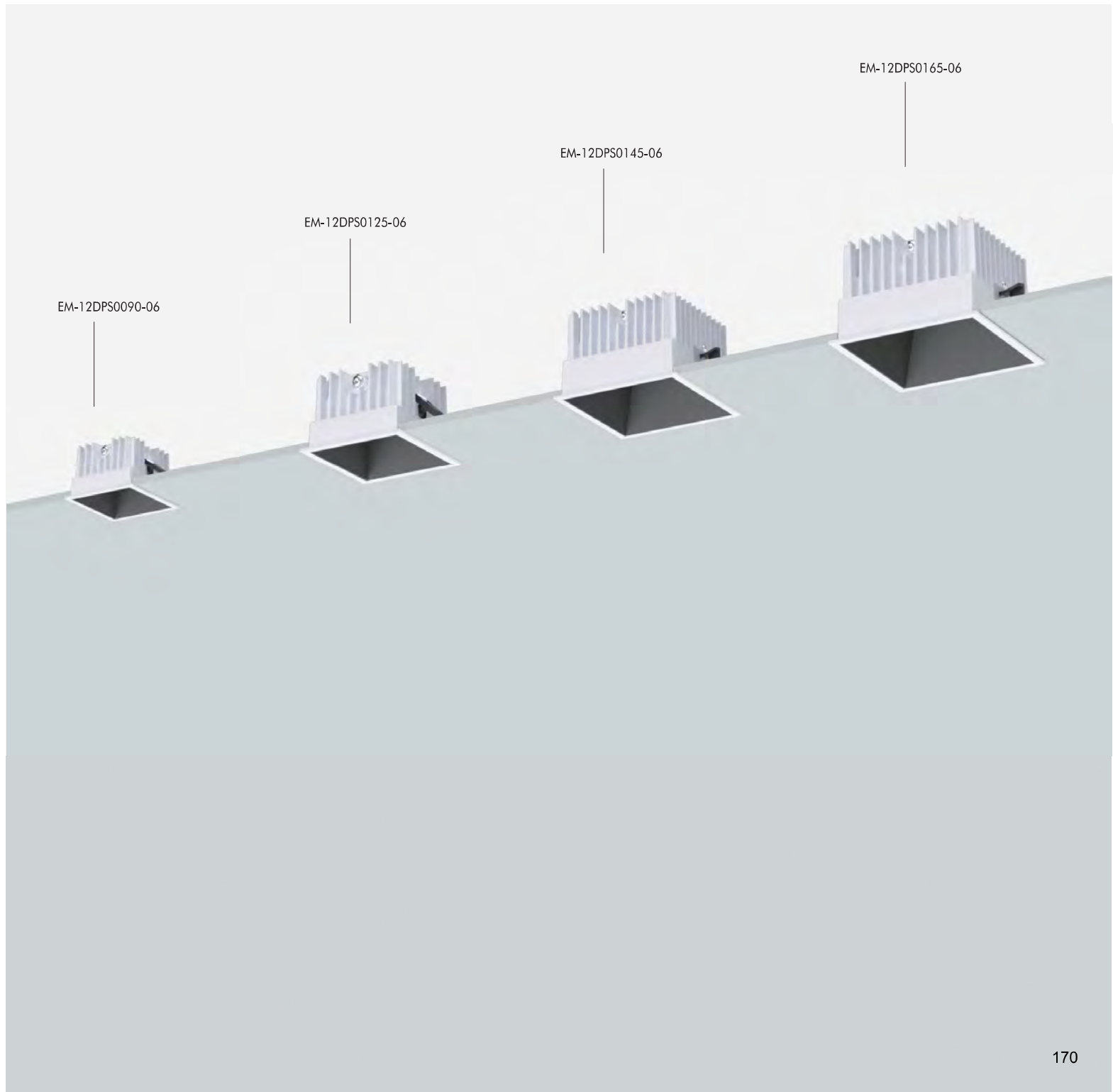
■ White



■ Black



■ Gold





Part Number	EM-12DPS0090-06	
Power	7W 10W 12W 15W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-12DPS0165-06	
Power	20W 25W 30W 35W 40W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-12DPS0125-06	
Power	10W 12W 15W 20W 25W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

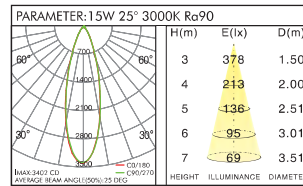
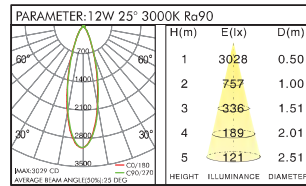
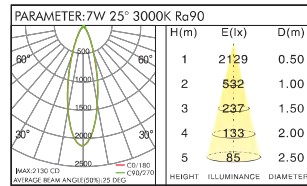
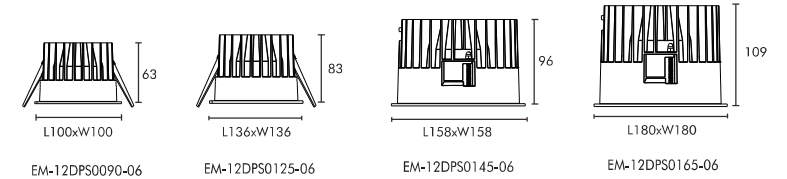


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-12DPS0145-06	
Power	15W 20W 25W 30W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



COLOUR BK ■ WH □



MAX

This series is maximum to control both the height and glare in 10-40 Watts, it creates the architectural possibility of having classic deep frame design in reasonable height.



Part Number	EM-18MA0075-10	
Power	7W 9W 12W	
Beam angle	15° 25° 38° 60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-18MA0090-10	
Power	10W 12W 15W 18W	
Beam angle	15° 25° 38° 60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

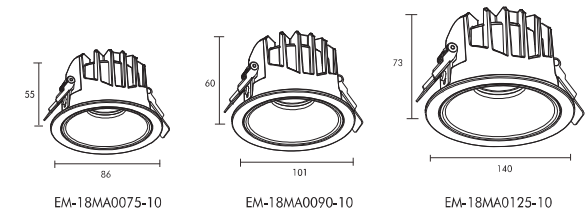


Part Number	EM-18MA0125-10	
Power	15W 20W 25W 30W	
Beam angle	15° 25° 38° 60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

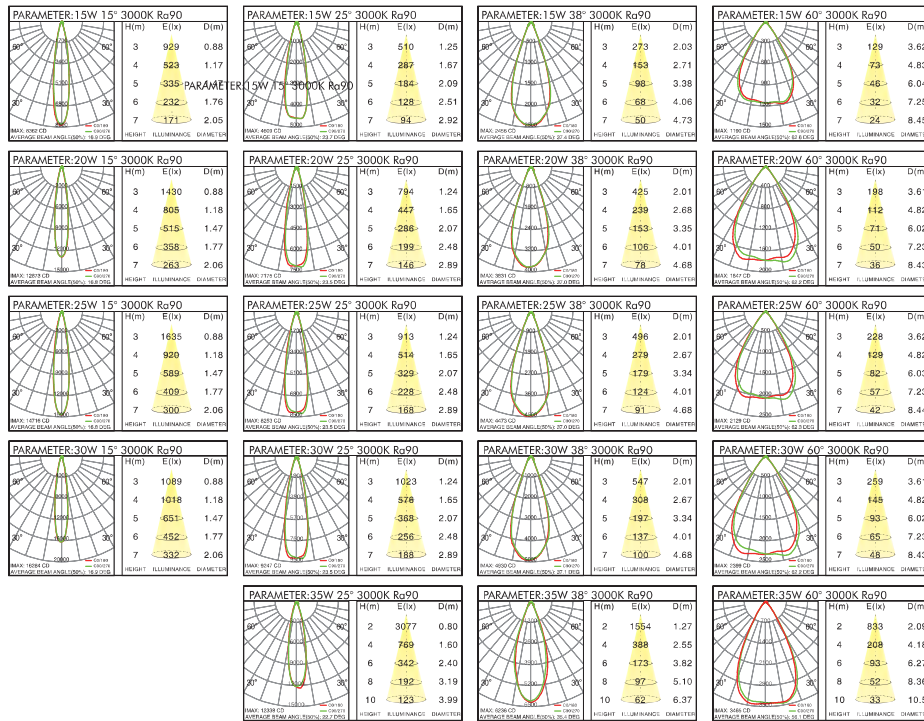
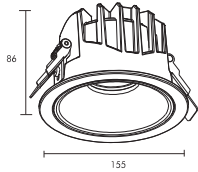


COLOUR BK ■ WH □ | Chrome Black





Part Number	EM-18MA0140-10	
Power	25W 30W 35W	
Beam angle	15° 25° 38° 60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



COLOUR BK ■ WHD | Chrome Black

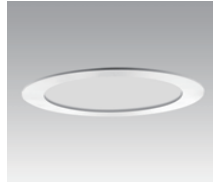




# LIPPER

LIPPER is a super slimer slim downlight, with die-casting aluminum lamp body and larger SMD chips bring the luminaire to higher level of high-temperature-resistant. Ultra-thin design, only 34mm, allows for minimal ceiling penetration. Tri-colour changeable design, warm white, neutral white and cool white for option.





Part Number	EM-15LI0090-08
Power	9W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-15LI0200-08
Power	20W 25W 30W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EM-15LI0125-08
Power	10W 12W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD

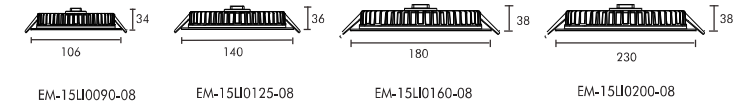


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EM-15LI0160-08
Power	15W 20W 25W
Beam angle	100°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB





Part Number	EM-16LI0095-09	
Power	7W	9W 12W
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



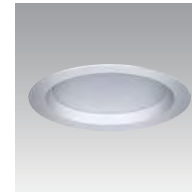
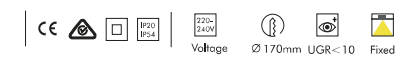
Part Number	EM-16LI0130-09	
Power	10W	12W 15W
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-16LI0145-09	
Power	12W	15W 20W
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	EM-16LI0170-09	
Power	20W	25W 30W
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	

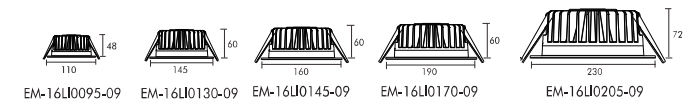


Part Number	EM-16LI0205-09	
Power	25W	30W 35W 40W
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI





DIY





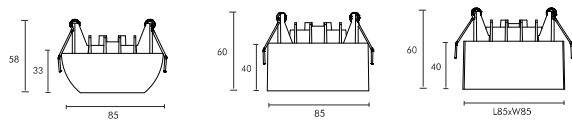
Part Number	EM-21LS0075-13
Power	7W 10W 12W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-21LS0075-14
Power	7W 10W 12W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



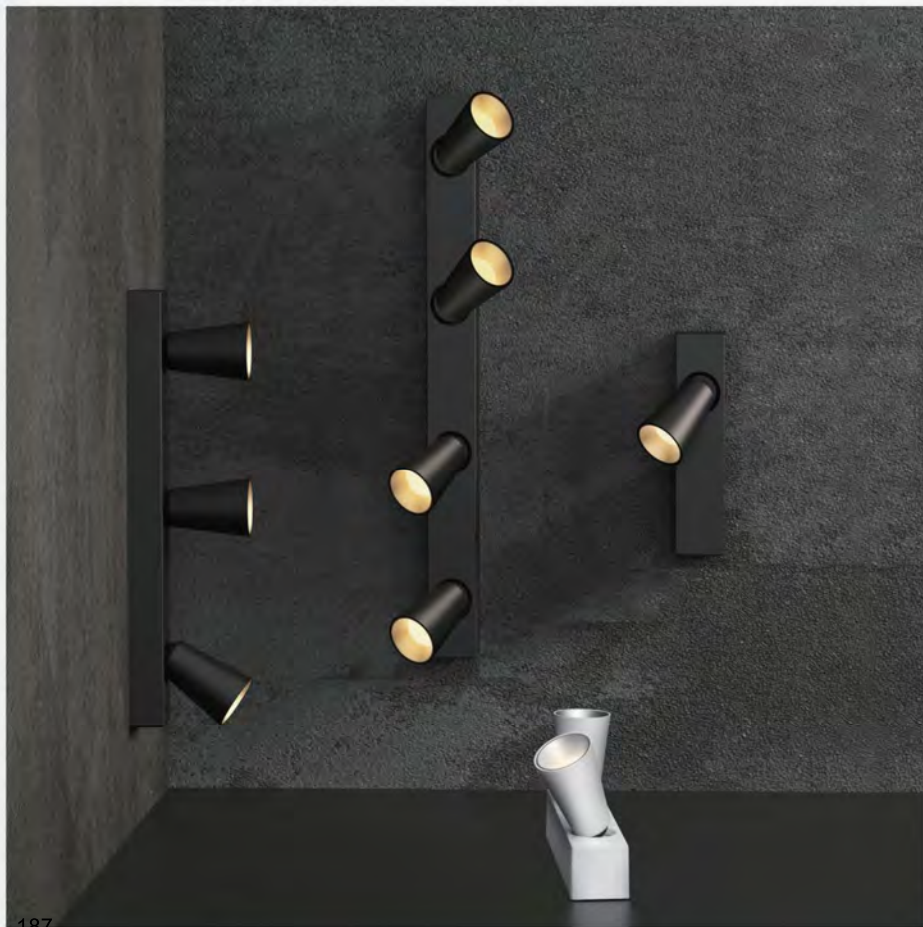
Part Number	EM-21LS0075-15
Power	7W 10W 12W
Beam angle	15° 25° 38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



COLOUR BK ■ WH □ | Chrome Black







# MILO

- Die-cast aluminium lamp body can effectively prevent corrosion and rust, make the lamp body fully heat dissipation, improve heat dissipation efficiency,
- It can be used as IP43 anti-fog and prevent fog and spray from contacting light source, It is suitable for kitchen and toilet,
- Two optical structures: fixed direct/ adjustable oblique,
- Equipped with an extremely narrow beam Angle, can be from different angles to accurately illuminate the subject,



Part Number	EM-22MO0005-15
Power	5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-22MO0405-15
Power	4x5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-22MO0205-15
Power	2x5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

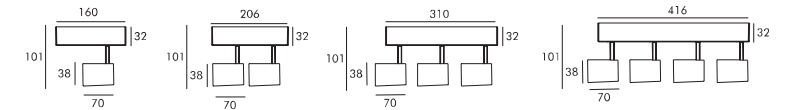


Part Number	EM-22MO0305-15
Power	3x5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



EM-22MO0005-15

EM-22MO0205-15

EM-22MO0305-15

EM-22MO0405-15

COLOUR BK ■ WH □ | White Black Gold

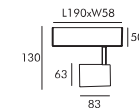


Part Number	EM-22MO0020-16	
Power	12W	15W 20W
EM-22MO0012-16	15°/25°/38°	
Power	7W	10W 12W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	

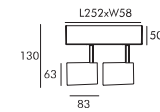


OPTIONS TRIAC

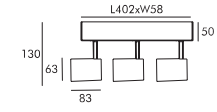
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2	TRIAC
3	0/1-10V
4	DALI



EM-22MO0020-16



EM-22MO0220-16



EM-22MO0320-16



Part Number	EM-22MO0220-16	
Power	2x12W	2x15W 2x20W
EM-22MO0212-16	15°/25°/38°	
Power	2700K/3000K/3500K/4000K	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Rated life hours	≥90	
Operating temperature	-25-50 °C	



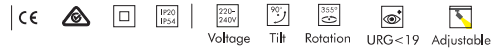
Part Number	EM-22MO0320-16	
Power	3x12W	3x15W 3x20W
Beam angle	15°/25°/38°	
Power	3x7W	3x10W 3x12W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	



COLOUR BK ■ WH □ | White Black Gold

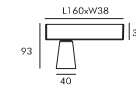


Part Number	EM-23MO0005-17
Power	5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

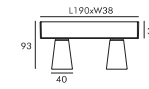


OPTIONS

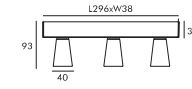
1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



EM-23MO0005-17



EM-23MO0205-17



EM-23MO0305-17



Part Number	EM-23MO0205-17
Power	2x5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	EM-23MO0305-17
Power	3x5W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB



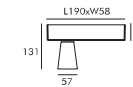


Part Number	EM-23MO0010-17	
Power	10W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

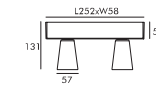


#### OPTIONS

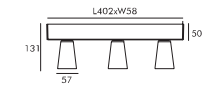
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2	TRIAC
3	0/1-10V
4	DALI



EM-23MO0010-17



EM-23MO0210-17



EM-23MO0310-17



Part Number	EM-23MO0210-17	
Power	2x10W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



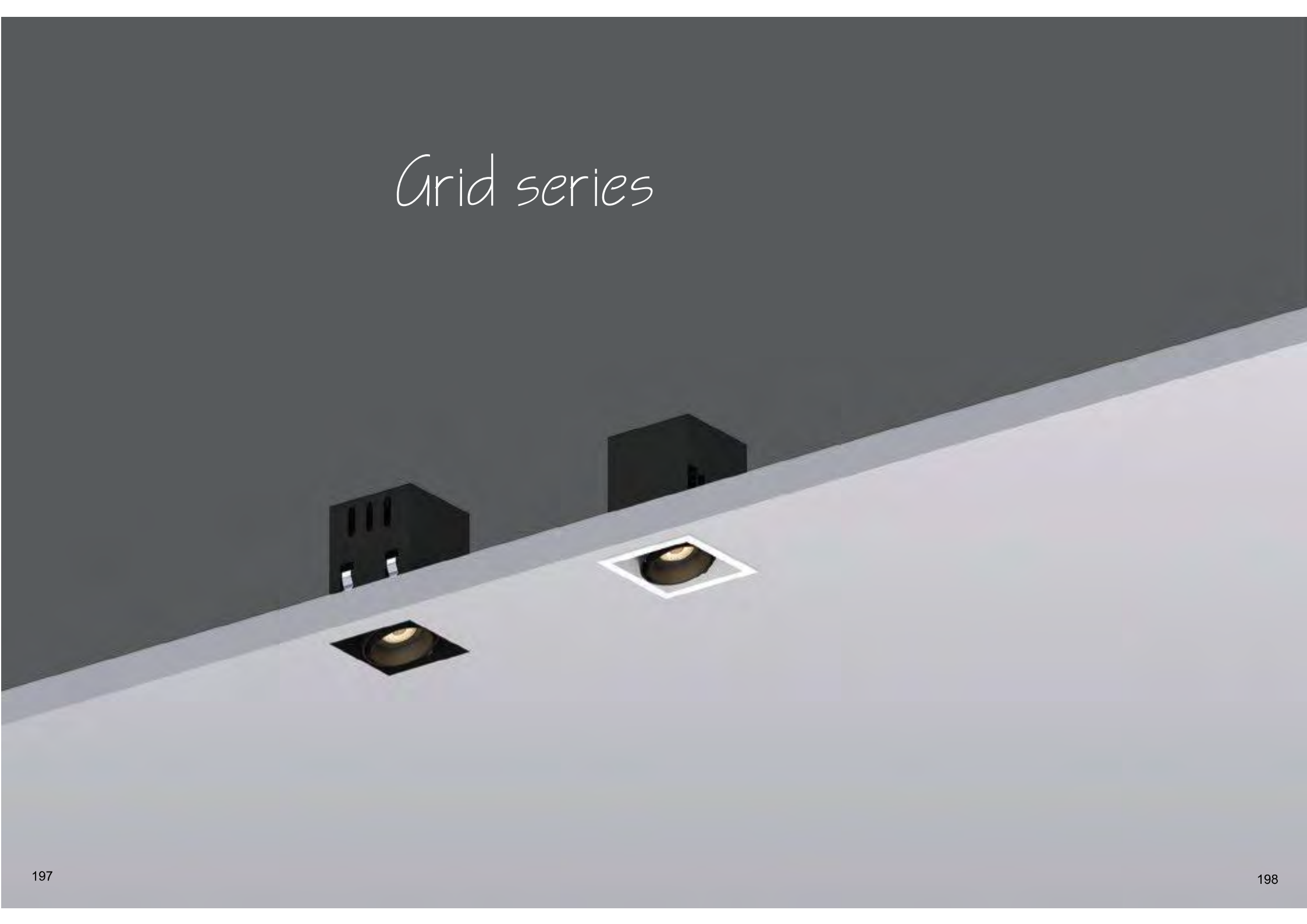
Part Number	EM-23MO0310-17	
Power	3x10W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

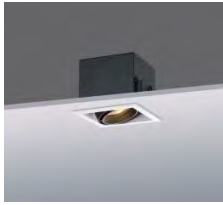


COLOUR BK ■ WH □ |  White  Black  Gold



# *Grid series*





Part Number	EM-25GD0012-18	
Power	7W 10W 12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 100x100mm URG<19 Adjustable



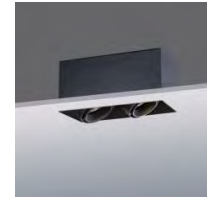
Part Number	EM-25GT0012-18	
Power	7W 10W 12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 98x98mm URG<19 Adjustable



Part Number	EM-25GD0212-18	
Power	2x7W 2x10W 2x12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 200x100mm URG<19 Adjustable



Part Number	EM-25GT0212-18	
Power	2x7W 2x10W 2x12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 198x98mm URG<19 Adjustable



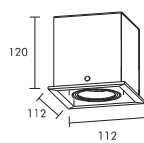
Part Number	EM-25GD0312-18	
Power	3x7W 13x10W 3x12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

Voltage Tilt Rotation 300x100mm URG<19 Adjustable

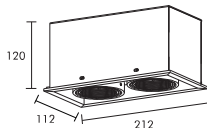


Part Number	EM-25GT0312-18	
Power	3x7W 3x10W 3x12W	
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

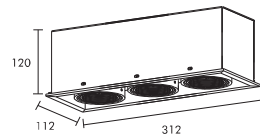
Voltage Tilt Rotation 278x98mm URG<19 Adjustable



EM-25GD0012-18



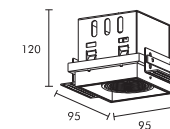
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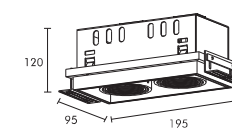
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OPTIONS

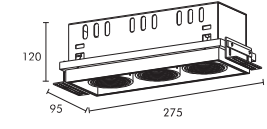
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2	0/1-10V
3	DALI



EM-25GT0012-18



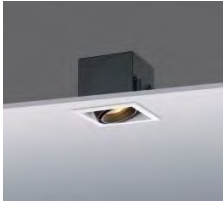
EM-25GT0212-18



EM-25GT0312-18

COLOUR BK ■ WH □

COLOUR BK ■ WH □



Part Number	EM-25GD0020-19	
Power	12W	15W 20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-25GT0020-19	
Power	12W	15W 20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	EM-25GD0220-19	
Power	2x12W	2x15W 2x20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



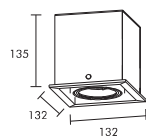
Part Number	EM-25GT0220-19	
Power	2x12W	2x15W 2x20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



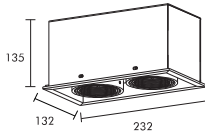
Part Number	EM-25GD0320-19	
Power	3x12W	3x15W 3x20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



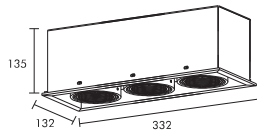
Part Number	EM-25GT0320-19	
Power	3x12W	3x15W 3x20W
Beam angle	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



EM-25GD0020-19



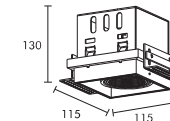
EM-25GD0220-19



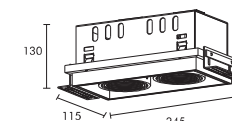
EM-25GD0320-19

OPTIONS

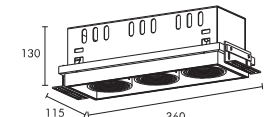
1	Non-DIM
2	0/1-10V
3	DALI



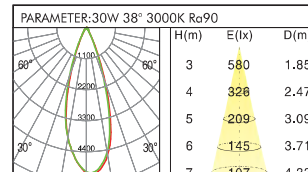
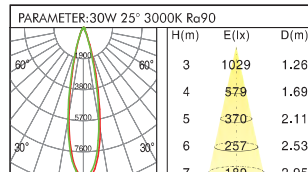
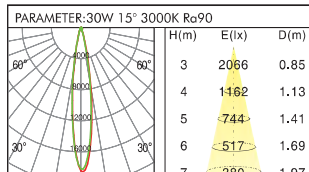
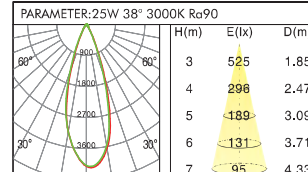
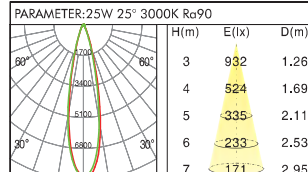
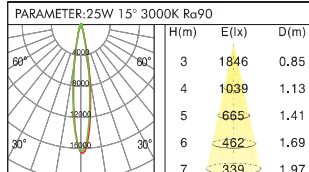
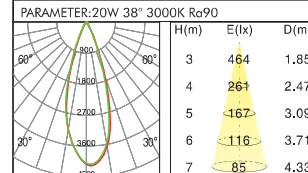
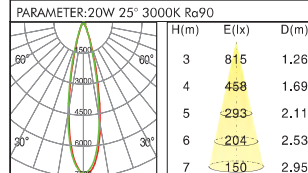
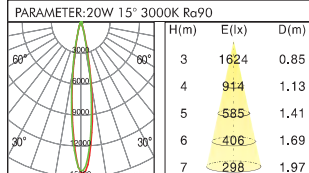
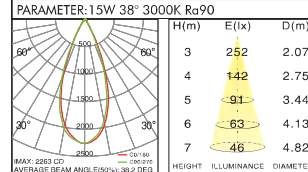
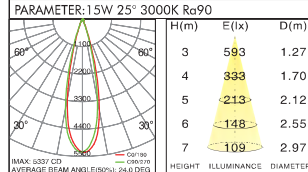
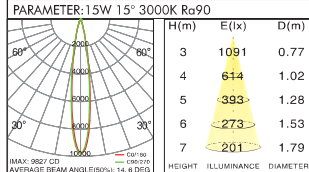
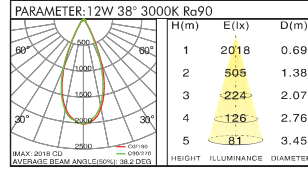
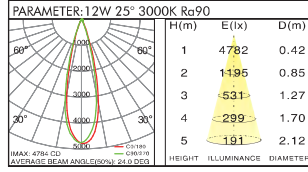
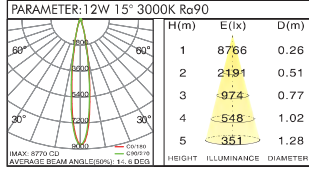
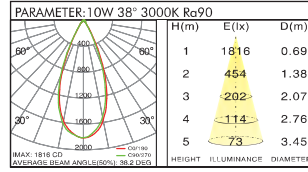
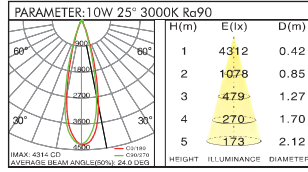
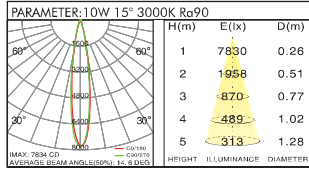
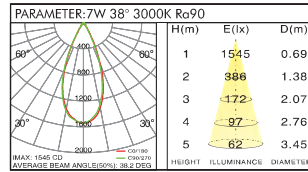
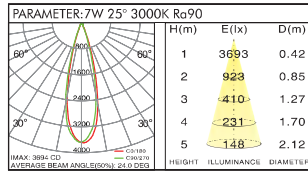
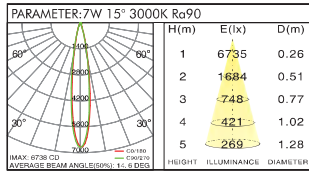
EM-25GT0020-19



EM-25GT0220-19



EM-25GT0320-19

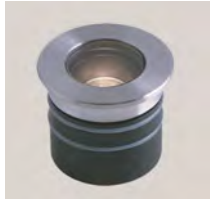


## OUTDOOR

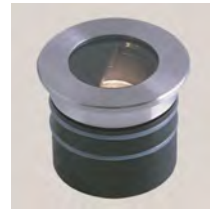
*Light matches the building to make it pure.  
The change of light over time expresses the  
relationship between man and nature in a  
most basic way.*



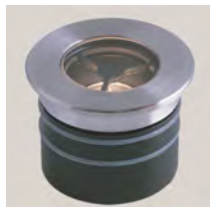




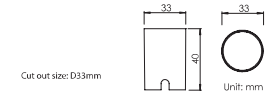
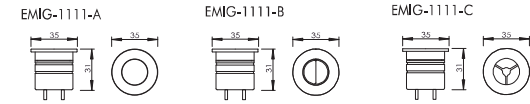
Part Number	EMIG-1111-A
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



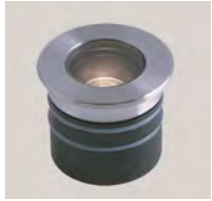
Part Number	EMIG-1111-B
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



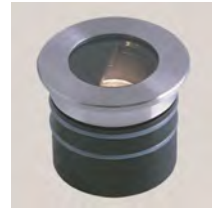
Part Number	EMIG-1111-C
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



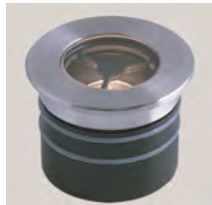
OPTIONS	
1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



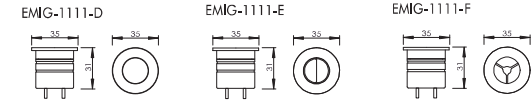
Part Number	EMIG-1111-D
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



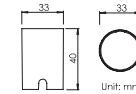
Part Number	EMIG-1111-E
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number	EMIG-1111-F
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD



Cut out size: D33mm



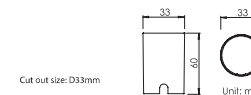
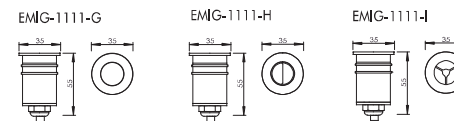
OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI





Part Number	EMIG-1111-G
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD

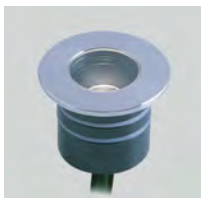


Part Number	EMIG-1111-H
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD

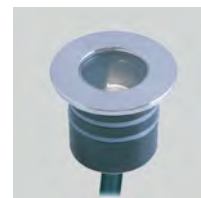


Part Number	EMIG-1111-J
Power	1W
Beam angle	25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	SMD

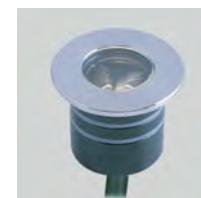




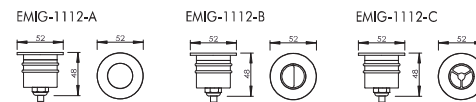
Part Number	EMIG-1112-A	
Power	3W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



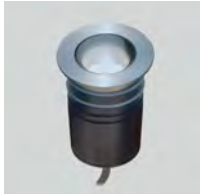
Part Number	EMIG-1112-B	
Power	3W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



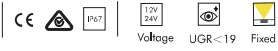
Part Number	EMIG-1112-C	
Power	3W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



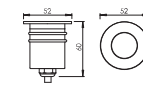




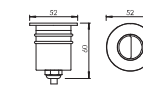
Part Number	EMIG-1112-D	
Power	2W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



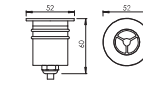
EMIG-1112-D



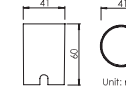
EMIG-1112-E



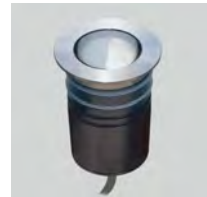
EMIG-1112-F



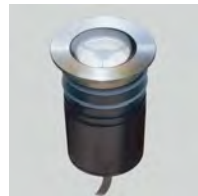
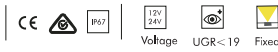
Cut out size: D33mm



Unit: mm



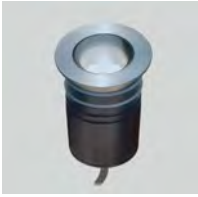
Part Number	EMIG-1112-E	
Power	2W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



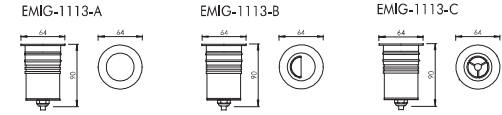
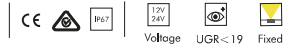
Part Number	EMIG-1112-F	
Power	2W	
Beam angle	10°/15°/21°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	





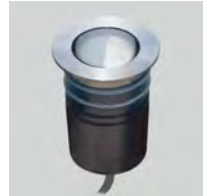


Part Number	EMIG-1113-A
Power	4W
Beam angle	3°/6°/10°/20°/40°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

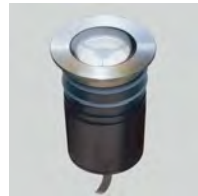


Cut out size: D60mm

Unit: mm



Part Number	EMIG-1113-B
Power	4W
Beam angle	3°/6°/10°/20°/40°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

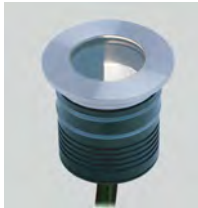
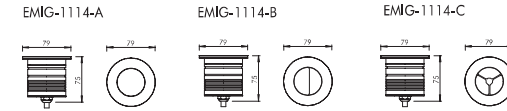


Part Number	EMIG-1113-C
Power	4W
Beam angle	3°/6°/10°/20°/40°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

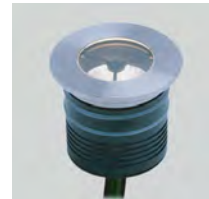




Part Number	EMIG-1114-A	
Power	7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

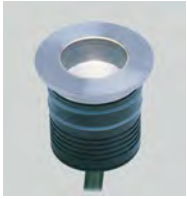


Part Number	EMIG-1114-B	
Power	7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

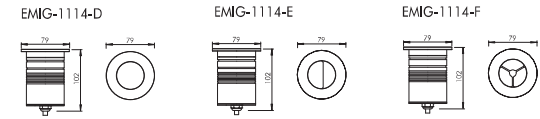


Part Number	EMIG-1114-C	
Power	7W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



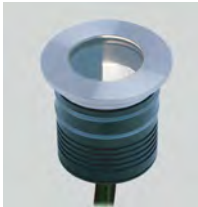


Part Number	EMIG-1114-D
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

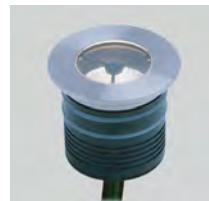


OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



Part Number	EMIG-1114-E
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB

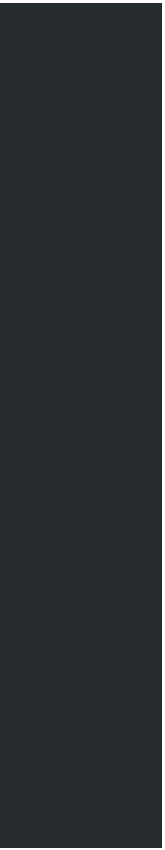


Part Number	EMIG-1114-F
Power	7W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 °C
Rated life hours	35000-50000H LM80
LED chip	COB





# SPOT LIGHT



LIGHTING ARTISAN





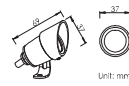
Part Number	ASP0112-1
Power	1W
Beam angle	10°/15°/21°/36°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	ASP0112-2
Power	1W
Beam angle	10°/15°/21°/36°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



ASP0112-1



ASP0112-2

Spike



SPAS03



Unit: mm

Anti-glare glass lens



Linear glass lens



Soften glass lens



Honeycomb filter



Unit: mm

OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



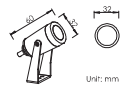




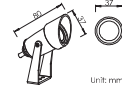
Part Number	ASP0112-3	
Power	1W	
Beam angle	10°/15°/21°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	ASP0112-4	
Power	1W	
Beam angle	10°/15°/21°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



ASP0112-3

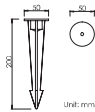


ASP0112-4

Spike



SPAS01



Unit: mm

Anti-glare glass lens



Linear glass lens



Soften glass lens



Honeycomb cover



Unit: mm

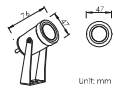




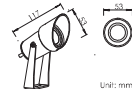
Part Number	ASP0115-1	
Power	3W	
Beam angle	3°/6°/10°/20°/40°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Part Number	ASP0115-2	
Power	3W	
Beam angle	3°/6°/10°/20°/40°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



ASP0115-1

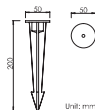


ASP0115-2

### Spike



SPAS01



Unit: mm

### Anti-glare glass lens



Linear glass lens



Soften glass lens



Honeycomb bouver



Unit: mm

### OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI



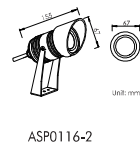
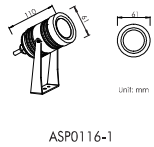




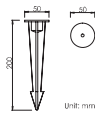
Part Number	ASP0116-1	
Power	8W	
Beam angle	25°/40°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number	ASP0116-2	
Power	8W	
Beam angle	25°/40°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Spike



OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI

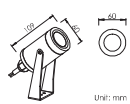




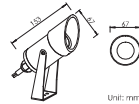
Part Number	ASP0117-1
Power	8W
Beam angle	25°/40°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



Part Number	ASP0117-2
Power	9W
Beam angle	25°/40°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50 C
Rated life hours	35000-50000H LM80
LED chip	COB



ASP0117-1

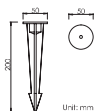


ASP0117-2

Spike



SPAS01



Unit: mm

Anti-glare glass lens



Linear glass lens



Softest glass lens



Honeycomb bouver



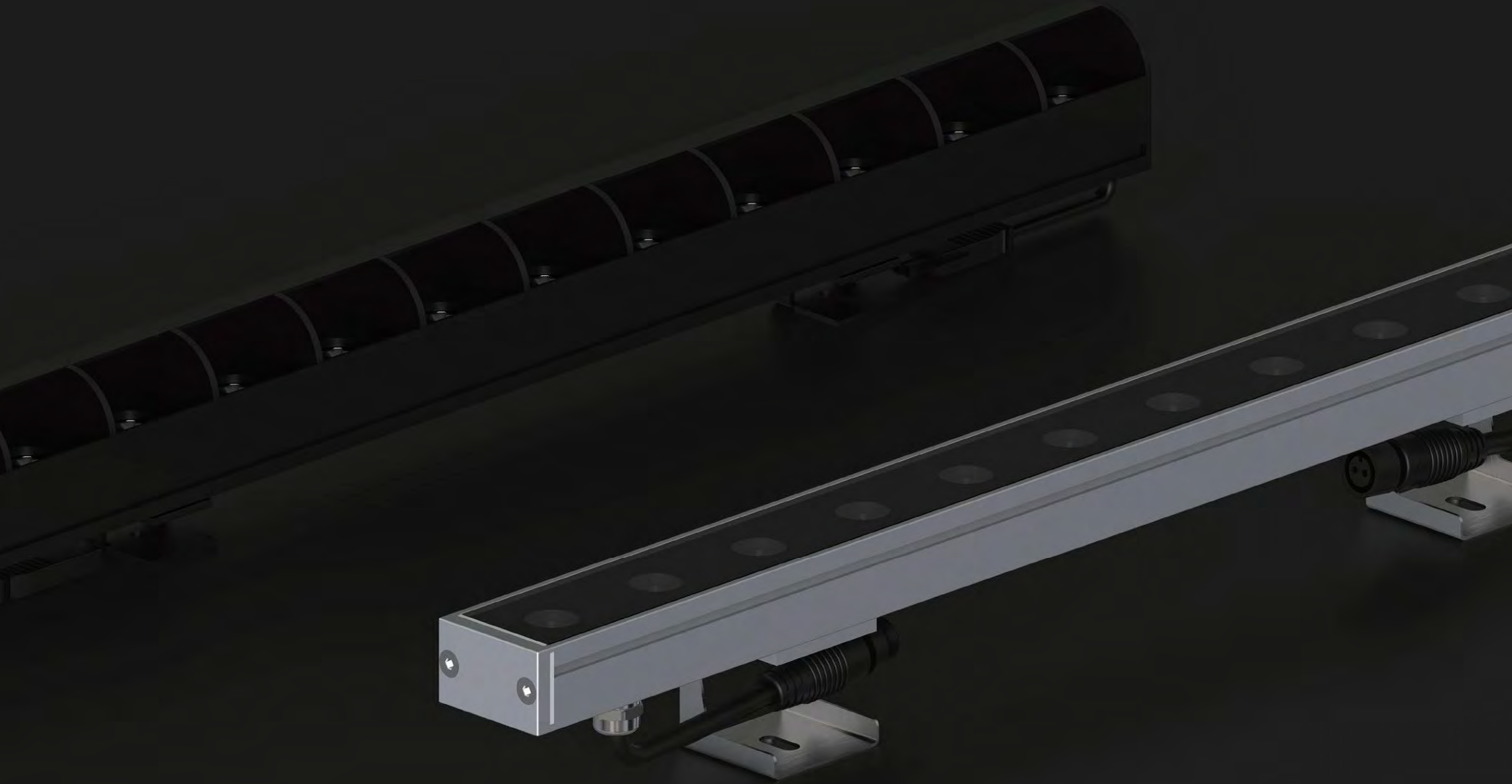
Unit: mm

OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI







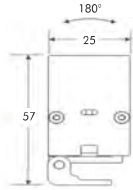
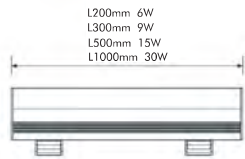
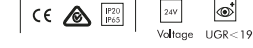




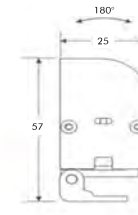
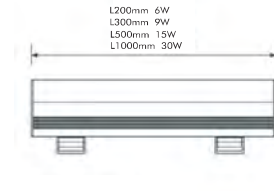
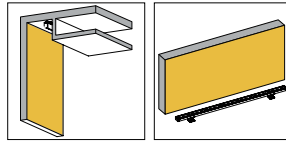
Part Number	EW101	
Power	6W	9W 15W 30W
Beam angle	20°/30°/45°/20x45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



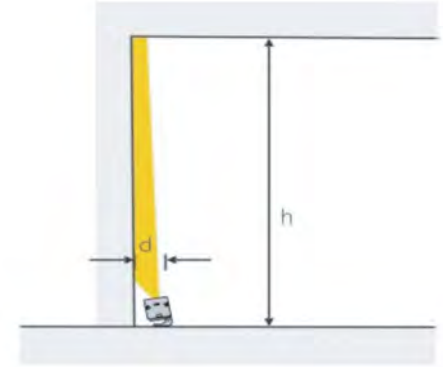
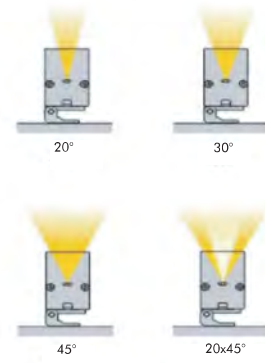
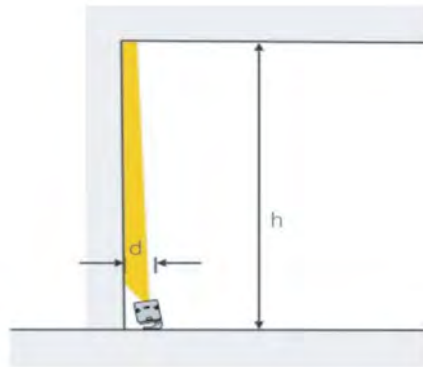
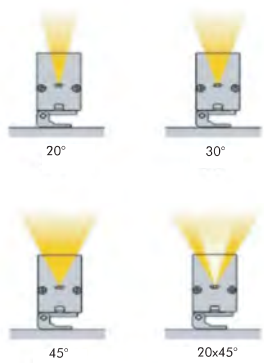
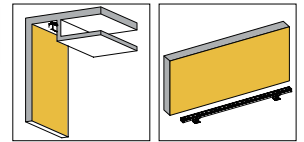
Part Number	EW102	
Power	6W	9W 15W 30W
Beam angle	20°/30°/45°/20x45°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	



Features



Features

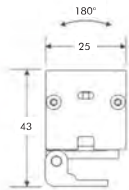
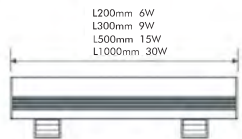
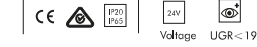




Part Number		EW103
Power		6W 9W 15W 30W
Beam angle		20°/30°/45°/20x45°
Color temperature		2700K/3000K/3500K/4000K
Light efficiency		90lm/W
Color rendering index		≥90
Operating temperature		-25-50 °C
Rated life hours		35000-50000H LM80
LED chip		SMD



Part Number		EW104
Power		15W 30W
Beam angle		20°/30°/45°/20x45°
Color temperature		2700K/3000K/3500K/4000K
Light efficiency		90lm/W
Color rendering index		≥90
Operating temperature		-25-50 °C
Rated life hours		35000-50000H LM80
LED chip		SMD



Features

